ORDER NO. AD9304148C8

Service Manual

Tuner

Stereo Synthesizer Tuner

ST-GT550

Areas

Suffix for Model No.	Area	Colour
(E)	Europe	(K)
(EB)	Great Britain	
(EG)	Germany and Italy	
(GC)	Asia, Latin America, Middle Near East and Africa	
(GN)	Oceania	

SPECIFICATIONS\ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
SCHEMATIC DIAGRAM\ПРИНЦИПИАЛЬНЫЕ СХЕМЫ
WIRING CONNECTION DIAGRAM\БЛОК - СХЕМА СОЕДИНЕНИЙ
MEASUREMENTS AND ADJUSTMENTS\ИЗМЕРЕНИЯ И РЕГУЛИРОВКИ
FUNCTIONS OF IC TERMINALS\ФУНКЦИОНАЛЬНОЕ НАЗНАЧЕНИЕ ВЫВОДОВ МИКРОСХЕМ
BLOCK DIAGRAM\БЛОК - СХЕМА
REPLACEMENT PARTS LIST\СПИСОК ЗАПАСНЫХ ЧАСТЕЙ
CABINET PARTS LOCATION\РАСПОЛОЖЕНИЕ ЧАСТЕЙ КОРПУСА
PACKAGING\УПАКОВКА

Technics

SPECIFICATIONS (DIN 45 500)

■ FM TUNER SECTION

Frequency range	87.50~108.00 MHz (0.05-MHz steps)
Sensitivity	1.5 µV (IHF, usable)
S/N 30 dB	1.3 µV (75Ω)
S/N 26 dB	1.2 µV (75Ω)
S/N 20 dB	0.9 µV (75Ω)
IHF 46 dB stereo quieting sensitivity	28 µV (75Ω)
Total harmonic distortion	
MONO (NORMAL)	0.15%
STEREO (NORMAL)	0.2%
S/N	
MONO	70 dB (75 dB, IHF)
STEREO	65 dB (70 dB, IHF)
Frequency response	10 Hz~15 kHz, +0.5 dB to −1.0 dB
Alternate channel selectivity	
NORMAL ±400 kHz	70 dB
SUPER NARROW ±200 kHz	25 dB
Capture ratio	1.0 dB
Image rejection at 98 MHz	100 dB
IF rejection at 98 MHz	95 dB
Spurious response rejection at 98 MHz	100 dB
AM suppression	55 dB
Stereo separation	
1 kHz	45 dB
Carrier leak	
19 kHz	−62 dB (−68 dB, IHF)
38 kHz	−46 dB (−51 dB, IHF)
Channel balance (250 Hz~6.3 kHz)	±1.0 dB
Limiting point	0.85 µV
Bandwidth	
IF amplifier	180 kHz
FM demodulator	1000 kHz
Antenna terminals	75Ω (unbalanced)

■ AM TUNER SECTION

Frequency range	
for (E) (EB) areas	
MW	522 kHz~1611 kHz (9-kHz steps)
	530 kHz~1620 kHz (10-kHz steps)
LW	144 kHz~288 kHz (9-kHz steps)
for (EG) area	
AM	522 kHz~1611 kHz (9-kHz steps)
	530 kHz~1620 kHz (10-kHz steps)
for (GC) (GN) areas	
AM	531 kHz~1602 kHz (9-kHz steps)
	530 kHz~1600 kHz (10-kHz steps)
Sensitivity (S/N 20 dB)	
for (E) (EB) areas	
MW (at 999 kHz)	20 µV, 600 µV/m
LW (at 216 kHz)	150 µV
for (EG) (GC) (GN) areas	
AM (at 999 kHz)	20 µV, 600 µV/m
Selectivity (±9 kHz)	
for (E) (EB) areas	
MW (at 999 kHz)	40 dB
LW (at 216 kHz)	40 dB
for (EG) (GC) (GN) areas	
AM (at 999 kHz)	40 dB
Image rejection	
for (E) (EB) areas	
MW (at 999 kHz)	40 dB
LW (at 216 kHz)	40 dB
for (EG) (GC) (GN) areas	
AM (at 999 kHz)	40 dB
IF rejection	
for (E) (EB) areas	
MW (at 999 kHz)	50 dB
LW (at 216 kHz)	50 dB
for (EG) (GC) (GN) areas	
AM (at 999 kHz)	50 dB

■ SCHEMATIC DIAGRAM

●FL/Switch circuit for (E), (EB), (EG) areas

(Parts list on pages 41~44)

Notes:

- ●S901: Power "⏻ STANDBY/ON" switch (POWER, ⏻ STANDBY/ON)
- ●S902: Preset-tuning switch (9)
- ●S903: Tuning mode select switch (TUNING MODE)
- ●S904: Display mode select switch (DISP MODE)
- ●S905: Preset-tuning switch (0)
- ●S906: Preset-tuning switch (1)
- ●S907: PTY select switch (PTY SEL)
- ●S908: Preset-tuning switch (≥10)
- ●S909: Preset-tuning switch (2)
- ●S910: AF/PTY search switch (SEARCH)
- ●S911: Band select switch (-BAND, – ALLOCATION)
- ●S912: Preset-tuning switch (3)
- ●S913: TP search switch (TP SEARCH)
- ●S914: FM signal-strength indication switch (SIGNAL)
- ●S915: Preset-tuning switch (4)
- ●S916: FM IF band select switch (IF BAND)
- ●S917: FM mode select switch (MODE)
- ●S918: Preset-tuning switch (5)
- ●S920: Memory switch (MEMORY)
- ●S921: Preset-tuning switch (6)
- ●S923: Preset channel switch (∨PRESET)
- ●S924: Preset-tuning switch (7)
- ●S925: Preset channel switch (PRESET∧)
- ●S927: Preset-tuning switch (8)

●Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
No mark: FM ( ): MW... for (E, EB) areas/AM... for (EG) area < >: LW ▭: Muting

●Important safety notice
Components identified by ⚠ mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

●This schematic diagram may be modified at any time with the development of new technology.

▬▬▬ : Positive voltage lines (+) ▬ ▬ ▬ ▬ : Negative voltage lines (–)

●The supply part number is described alone in the replacement parts list.

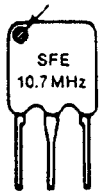
Part No.	Production Part No.	Supply Part No.
Z901	RCDHC-278-E	RCDHC-278

●For (E), (EB), (EG), (GC), (GN) areas

●Use of ceramic filters in pairs

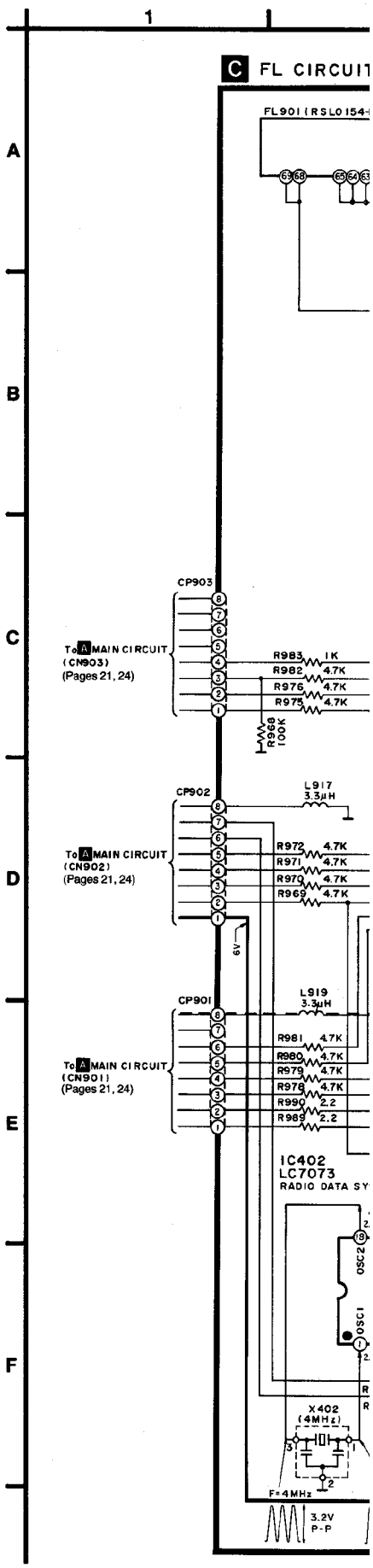
The ceramic filters (CF101~CF104) for FM-IF circuit are available in three ranks. For this circuit, be sure to use the ceramics of the same rank in a pair.
At repairing and replacement, pay close attention to the diodes (D911, D912) for use as different diodes must be used depending on each rank of the ceramic filters.

Color marking
(Red, Blue or Orange)

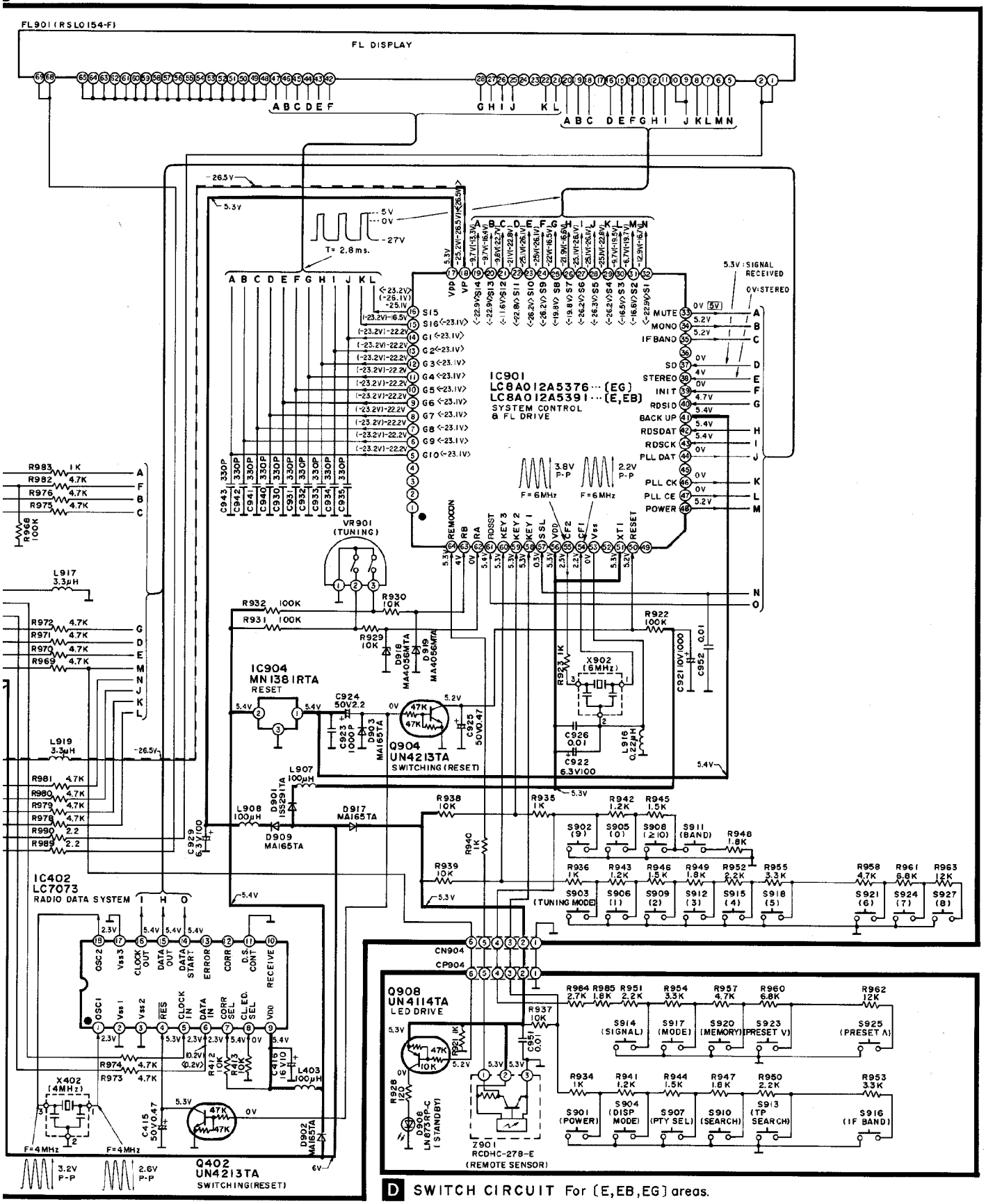


RANK (Color)	D911	D912	CENTER FREQUENCY
Orange	×	○	10.72 MHz
Red	○	○	10.70 MHz
Blue	○	×	10.67 MHz

Note: ○ mark: Diode is used.
× mark: Diode is not used.



FL CIRCUIT For (E, EB, EG) areas.



D SWITCH CIRCUIT For (E, EB, EG) areas.

■ SCHEMATIC DIAGRAM

●FL/Switch/Power supply circuit for (GC), (GN) areas

(Parts list on pages 41~44)

Notes:

- ●S701: Voltage selector switch in "240 V" position (110 V/127 V/220 V/240 V) for (GC) area
- ●S901: Power "⏻ STANDBY/ON" switch (POWER, ⏻ STANDBY/ON)
- ●S902: Preset-tuning switch (9)
- ●S903: Tuning mode select switch (TUNING MODE)
- ●S904: FM IF band select switch (IF BAND)
- ●S905: Preset-tuning switch (0)
- ●S906: Preset-tuning switch (1)
- ●S907: FM signal-strength indication switch (SIGNAL)
- ●S908: Preset-tuning switch (≥ 10)
- ●S909: Preset-tuning switch (2)
- ●S910: FM mode select switch (MODE)
- ●S911: Band select switch (- BAND, – ALLOCATION)
- ●S912: Preset-tuning switch (3)
- ●S915: Preset-tuning switch (4)
- ●S918: Preset-tuning switch (5)
- ●S920: Memory switch (MEMORY)
- ●S921: Preset-tuning switch (6)
- ●S923: Preset channel switch (∨ PRESET)
- ●S924: Preset-tuning switch (7)
- ●S925: Preset channel switch (PRESET ∧)
- ●S927: Preset-tuning switch (8)

●Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
No mark: FM ( ): MW...for (E, EB) areas/AM...for (GC, GN) areas
< >: LW □: Muting

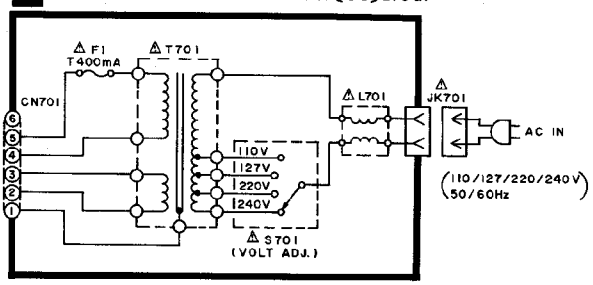
●Important safety notice
Components identified by ⚠ mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

●This schematic diagram may be modified at any time with the development of new technology.

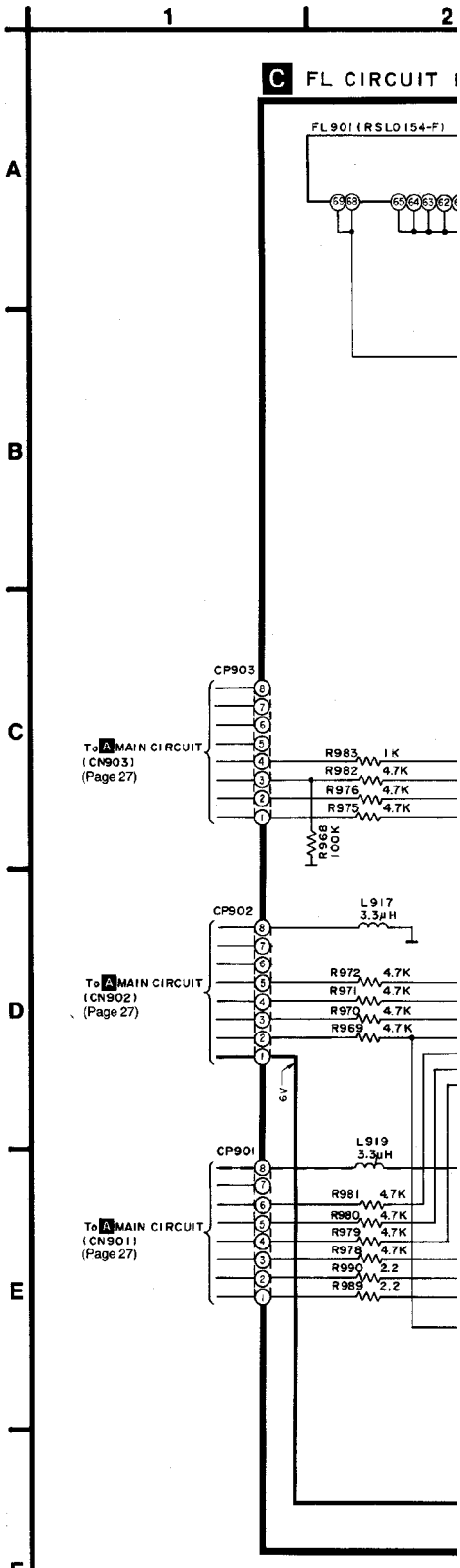
□□□▷ : FM OSC
■■■▶ : AM OSC
⟹ : FM IF super narrow signal
▒▒▒ : AF signal lines
⇨ : FM signal
➡ : AM signal

——— : Positive voltage lines (+)
– – – – : Negative voltage lines (–)

B POWER SUPPLY CIRCUIT For [GC] area.



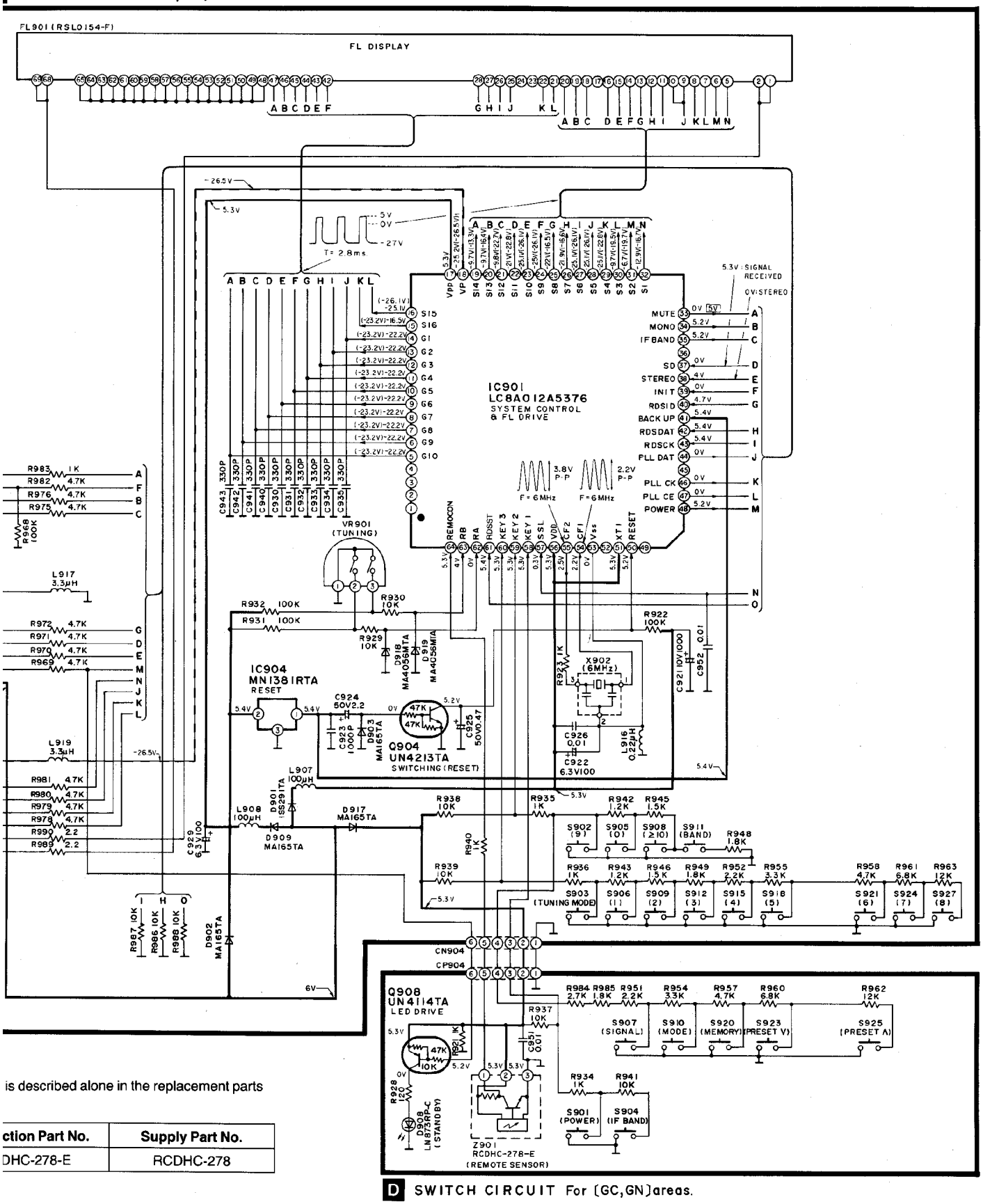
·Caution!
IC and LSI are sensitive to static electricity.
Secondary trouble can be prevented by taking care during repair.
·Cover the parts boxes made of plastics with aluminum foil.
·Ground the soldering iron.
·Put a conductive mat on the work table.
·Do not touch the legs of IC or LSI with the fingers directly.



●The supply part number is described alone i
list.

Part No.	Production Part No.
Z901	RCDHC-278-E

FL CIRCUIT For [GC, GN]areas.

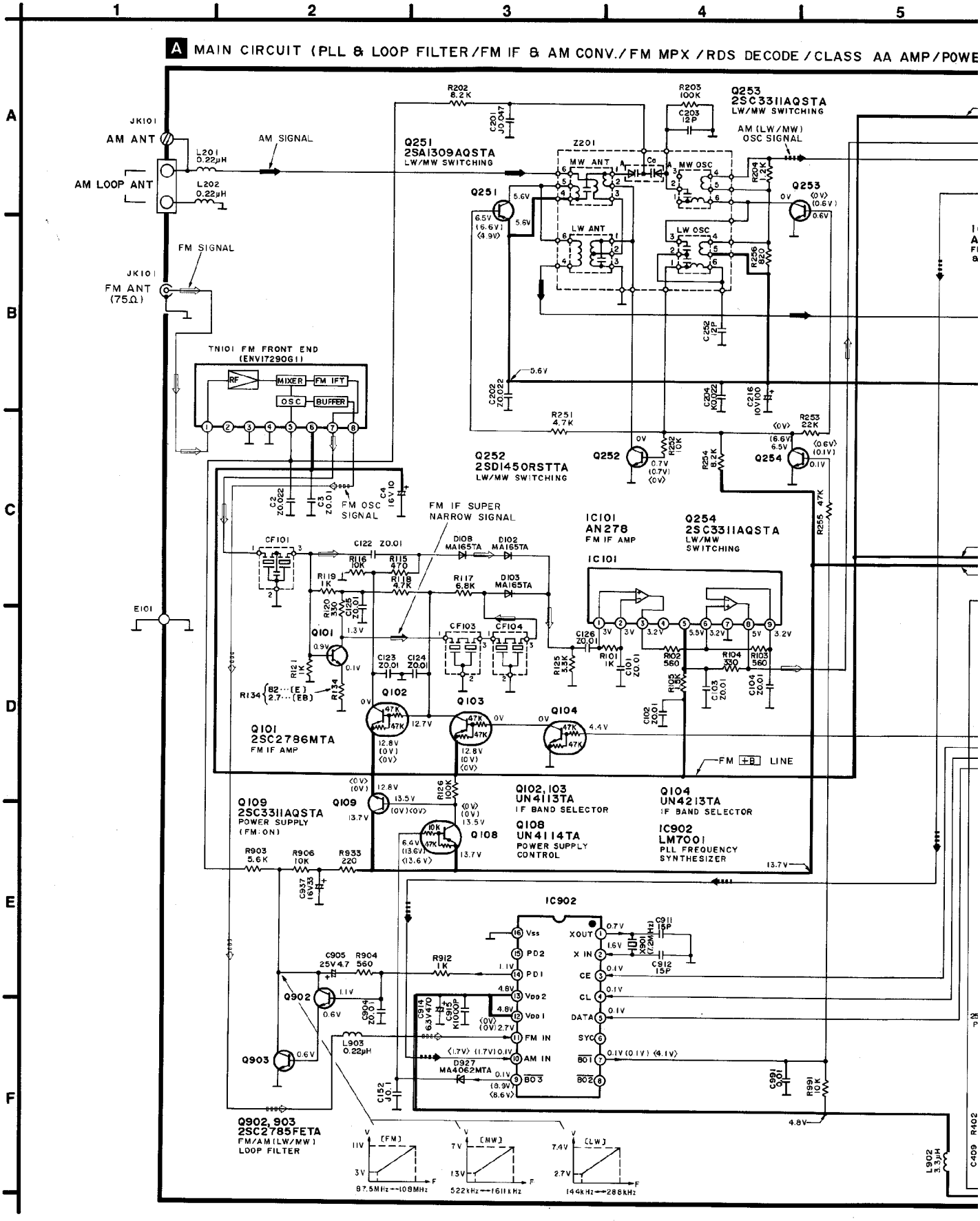


D SWITCH CIRCUIT For [GC, GN]areas.

is described alone in the replacement parts

ction Part No.	Supply Part No.
DHC-278-E	RCDHC-278

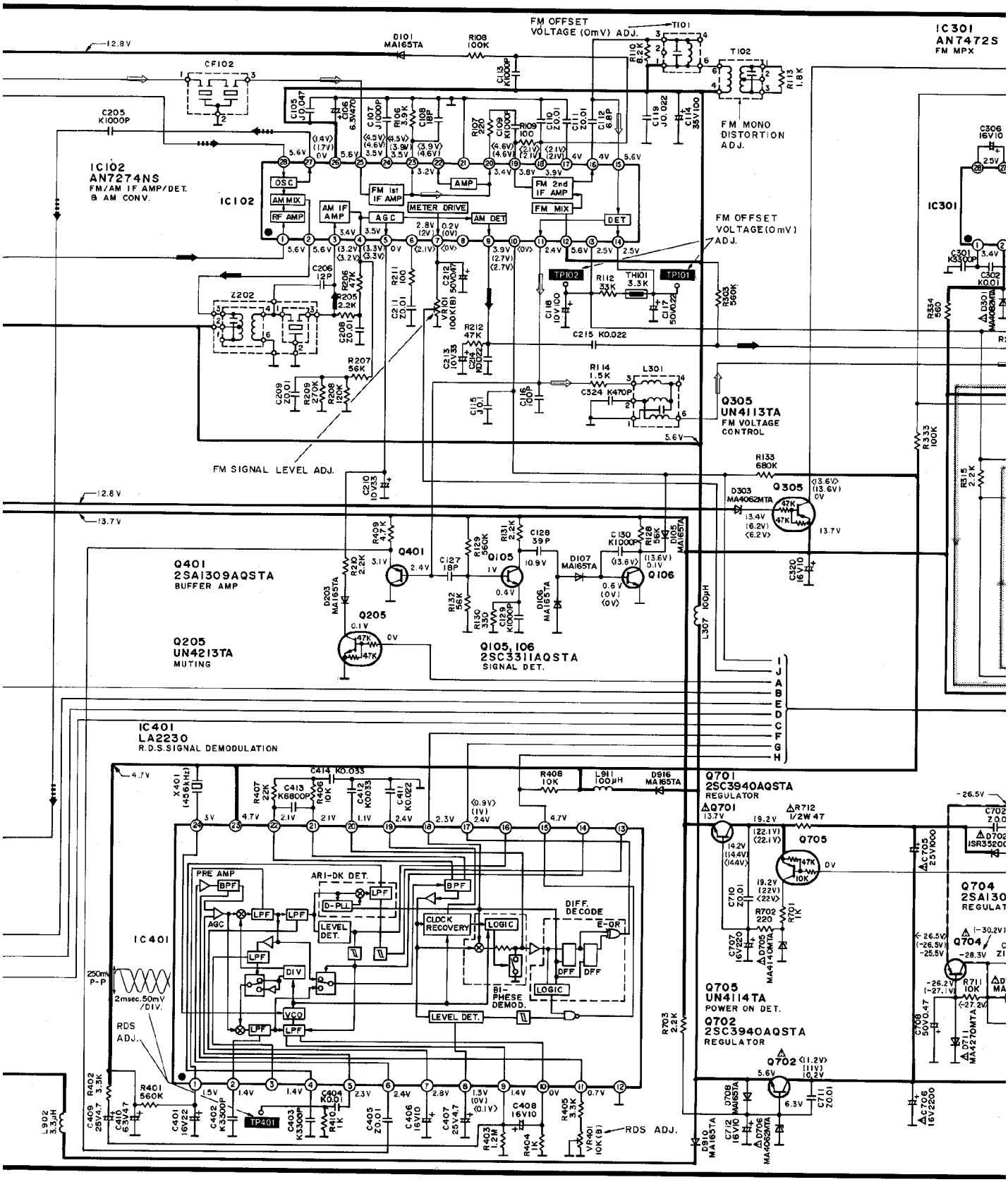
■ SCHEMATIC DIAGRAM •Main/Power supply circuit for (E), (EB) areas (Parts list on pages

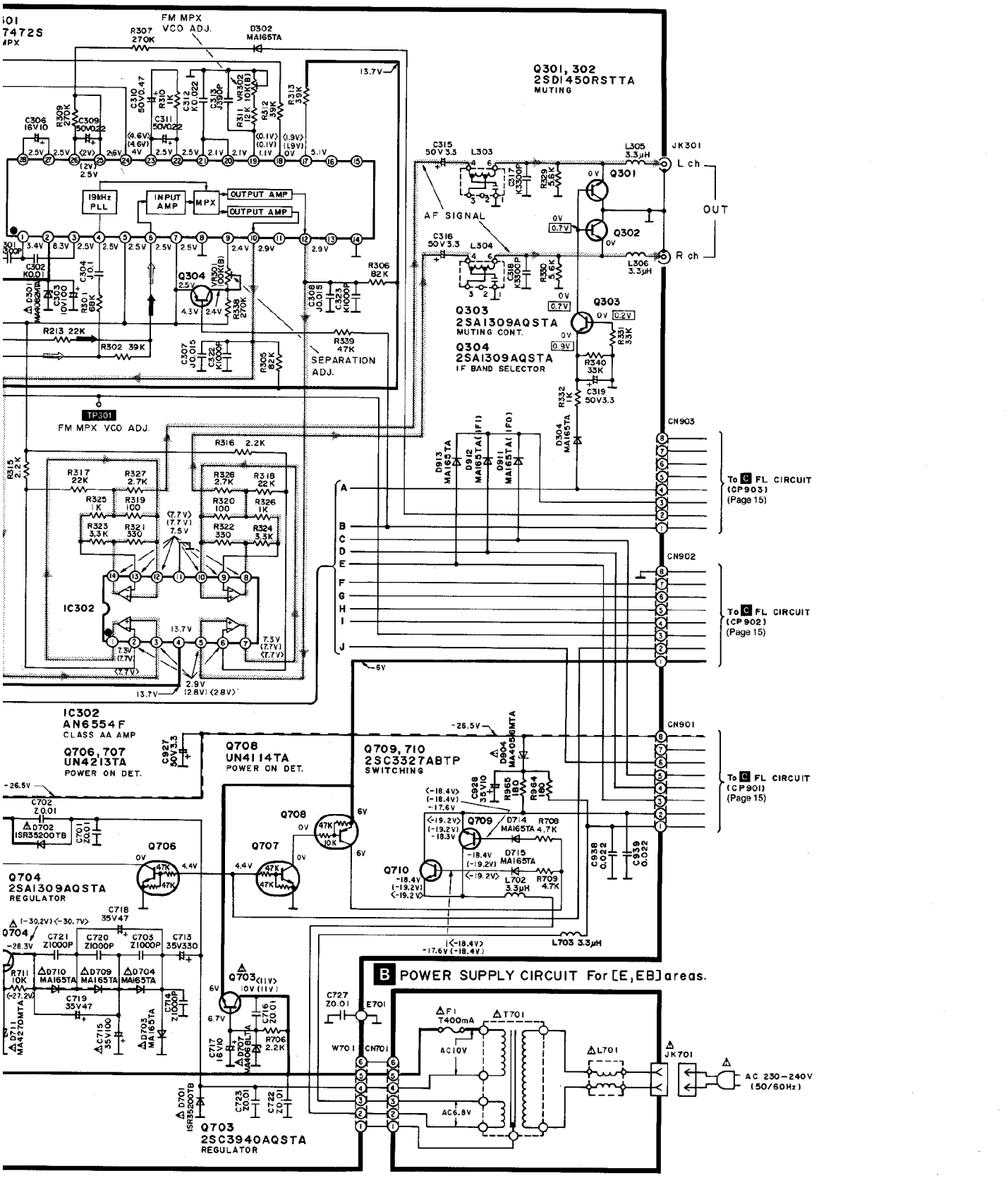


rts list on pages 41~44)

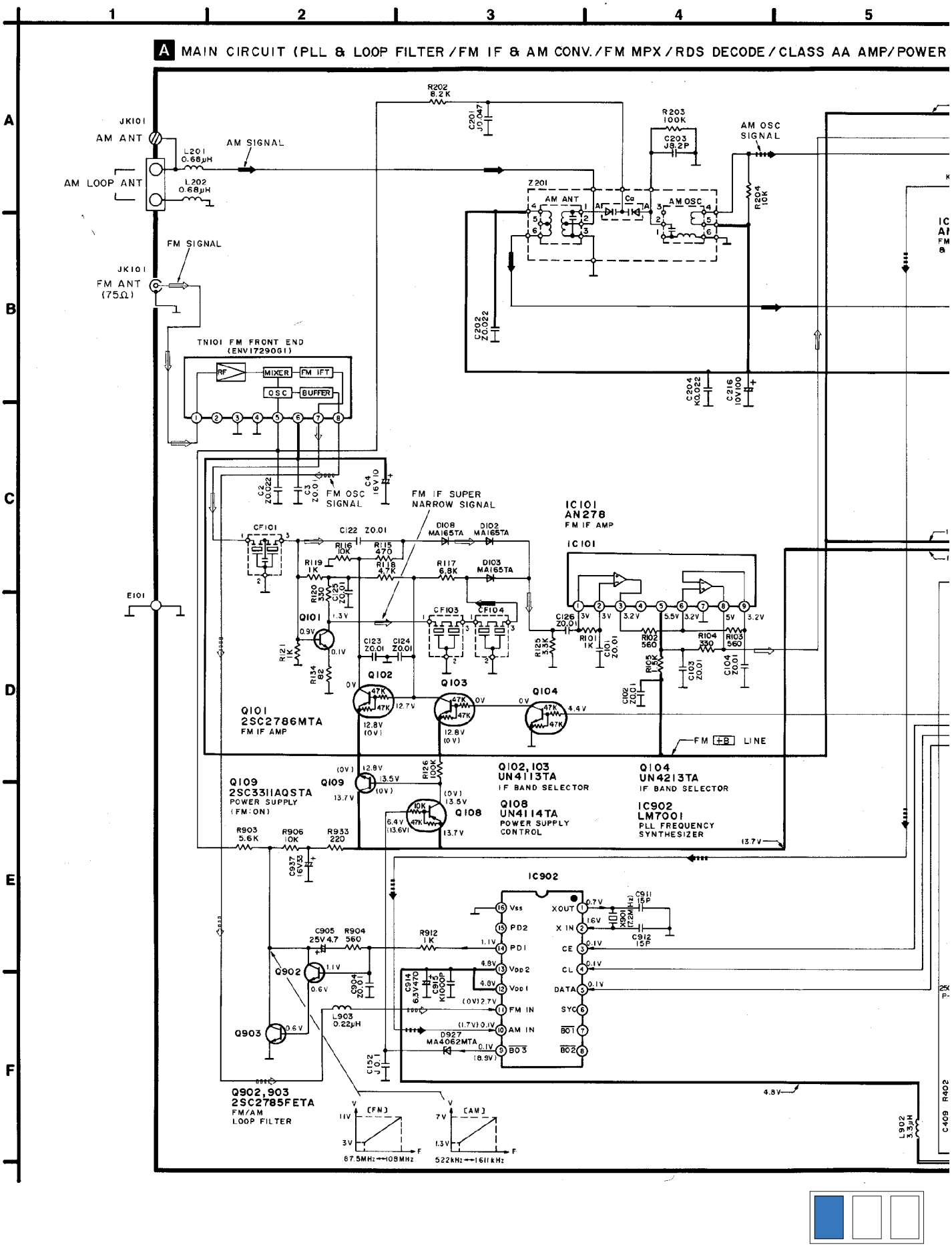
5 | 6 | 7 | 8 | 9

A AMP/POWER SUPPLY)For [E,EB]areas.




FM MPX VCO ADJ.
Q301, 302
2SD1450RSTTA
MUTING
AF SIGNAL
L ch
R ch
OUT
Q303
2SA1309AQSTA
MUTING CONT.
Q304
2SA1309AQSTA
IF BAND SELECTOR
SEPARATION ADJ.
TP301
FM MPX VCO ADJ.
IC302
AN6554F
CLASS AA AMP
Q706, 707
UN4213TA
POWER ON DET.
Q708
UN4114TA
POWER ON DET.
Q709, 710
2SC3327ABTP
SWITCHING
Q704
2SA1309AQSTA
REGULATOR
Q703
2SC3940AQSTA
REGULATOR
B POWER SUPPLY CIRCUIT For [E,EB] areas.
AC 230-240V (50/60Hz)
To C FL CIRCUIT (CP903) (Page 15)
To C FL CIRCUIT (CP902) (Page 15)
To C FL CIRCUIT (CP901) (Page 15)

■ SCHEMATIC DIAGRAM •Main/Power supply circuit for (EG) area (Parts list on pages 41~44)


A MAIN CIRCUIT (PLL & LOOP FILTER / FM IF & AM CONV. / FM MPX / RDS DECODE / CLASS AA AMP / POWER
AM ANT
AM LOOP ANT
AM SIGNAL
FM SIGNAL
FM ANT (75Ω)
AM OSC SIGNAL
TN101 FM FRONT END (ENV17290G1)
MIXER
FM IFT
OSC
BUFFER
FM OSC SIGNAL
FM IF SUPER NARROW SIGNAL
IC101 AN278 FM IF AMP
Q101 2SC2786MTA FM IF AMP
Q102, 103 UN4113TA IF BAND SELECTOR
Q104 UN4213TA IF BAND SELECTOR
Q109 2SC3311AQSTA POWER SUPPLY (FM:ON)
Q108 UN4114TA POWER SUPPLY CONTROL
IC902 LM7001 PLL FREQUENCY SYNTHESIZER
Q902,903 2SC2785FETA FM/AM LOOP FILTER
FM +B LINE
87.5MHz→108MHz
522kHz→1611kHz

st on pages 41~44)

□□□▷ : FM OSC
■■■▶ : AM OSC

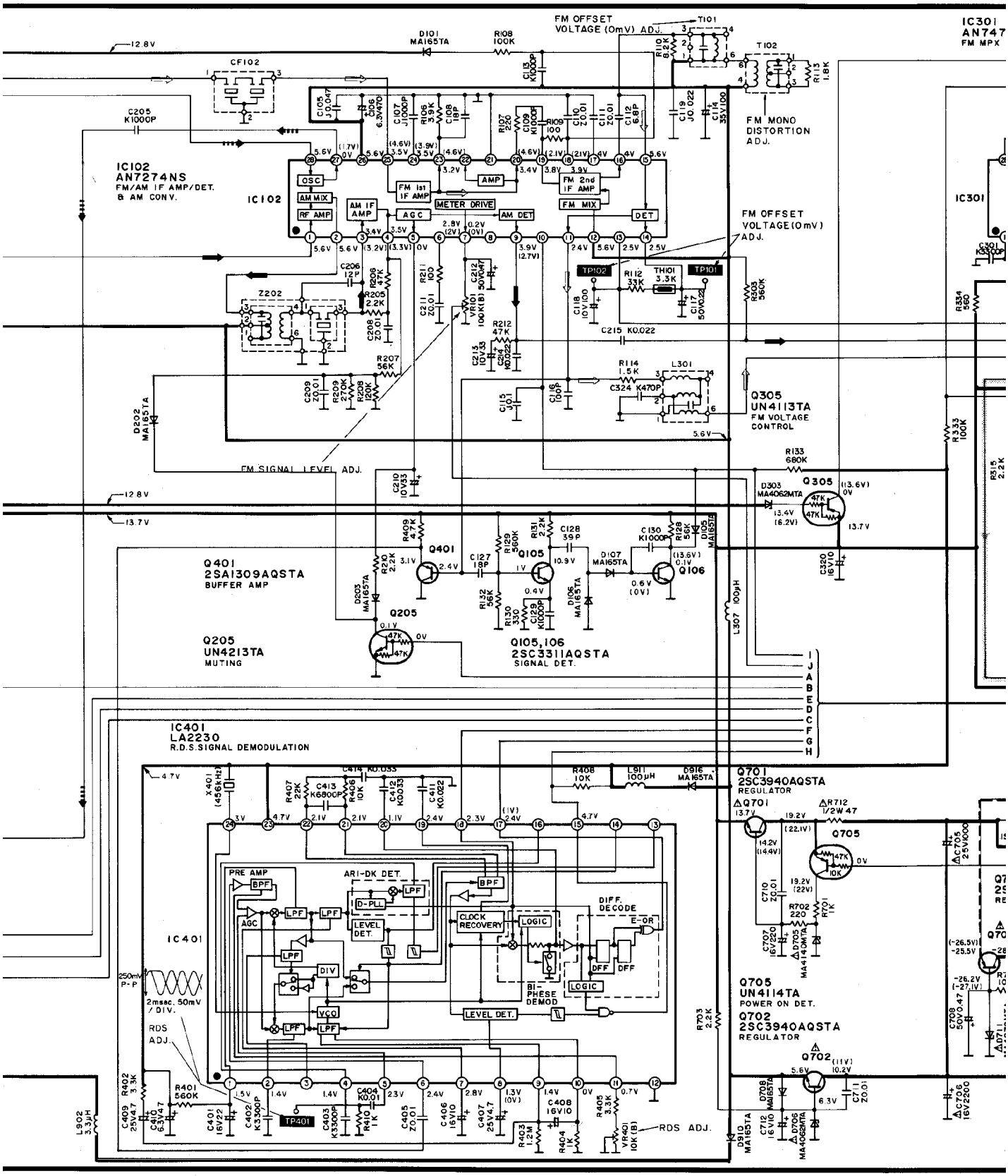
⇨ : FM signal
➡ : AM signal

: AF signal lines
⇒ : FM IF super narrow signal

: Positive voltage
: Negative voltage

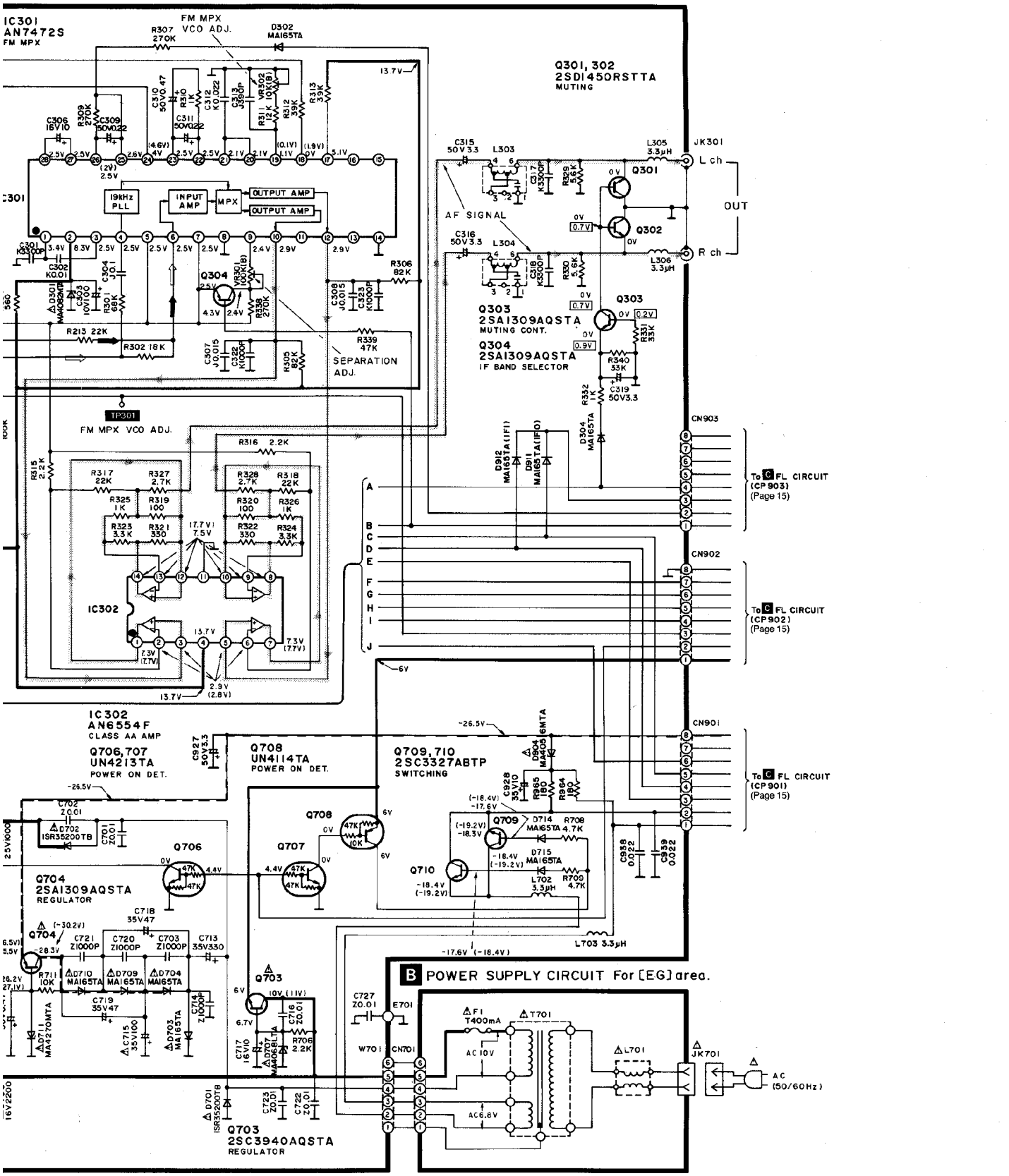
5 6 7 8 9

AA AMP/POWER SUPPLY) For [EG] area.

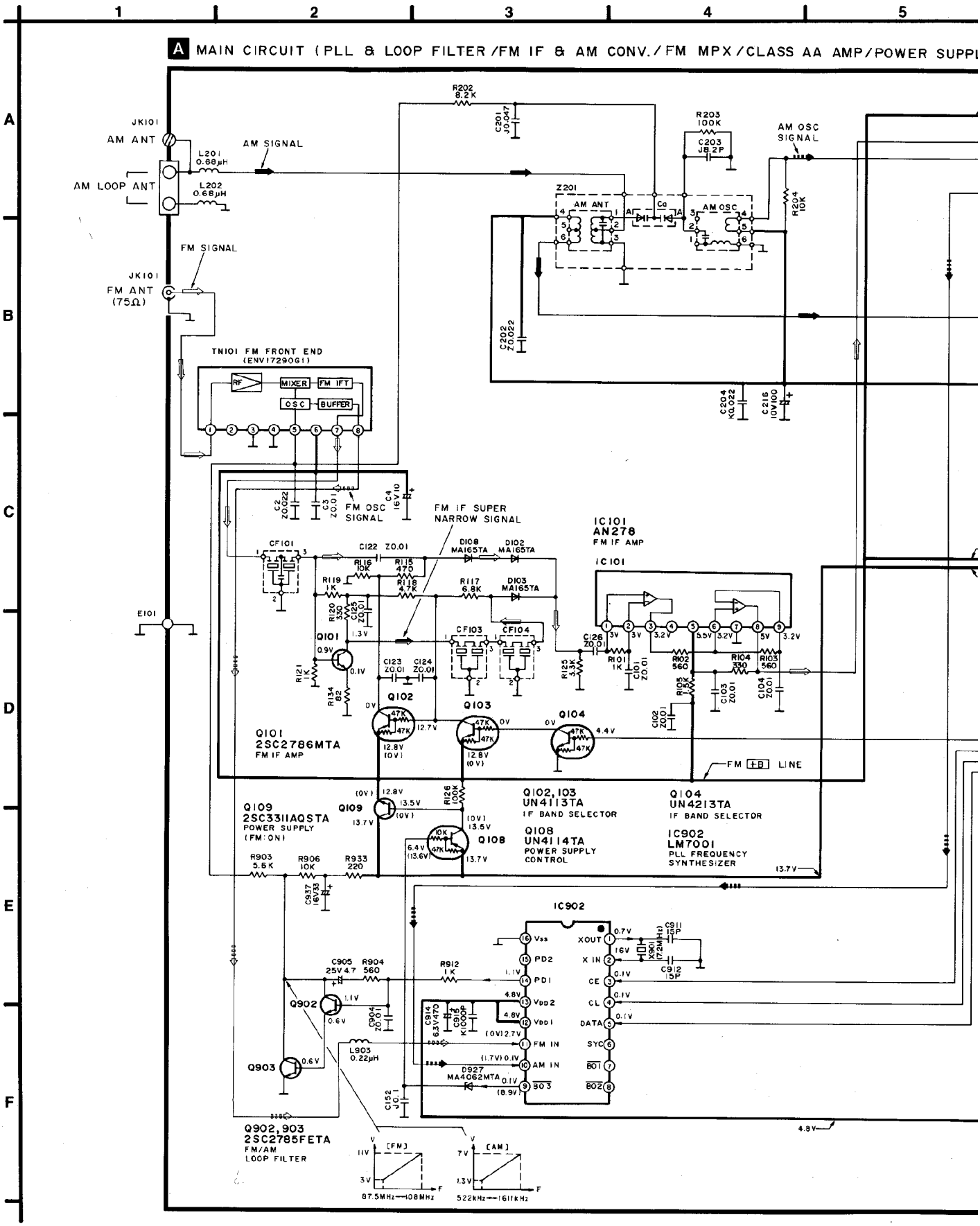


voltage lines (+)
voltage lines (−)

10 | 11 | 12 | 13 | 14



■ SCHEMATIC DIAGRAM •Main/Power supply circuit for (GC), (GN) areas (Parts list on pa

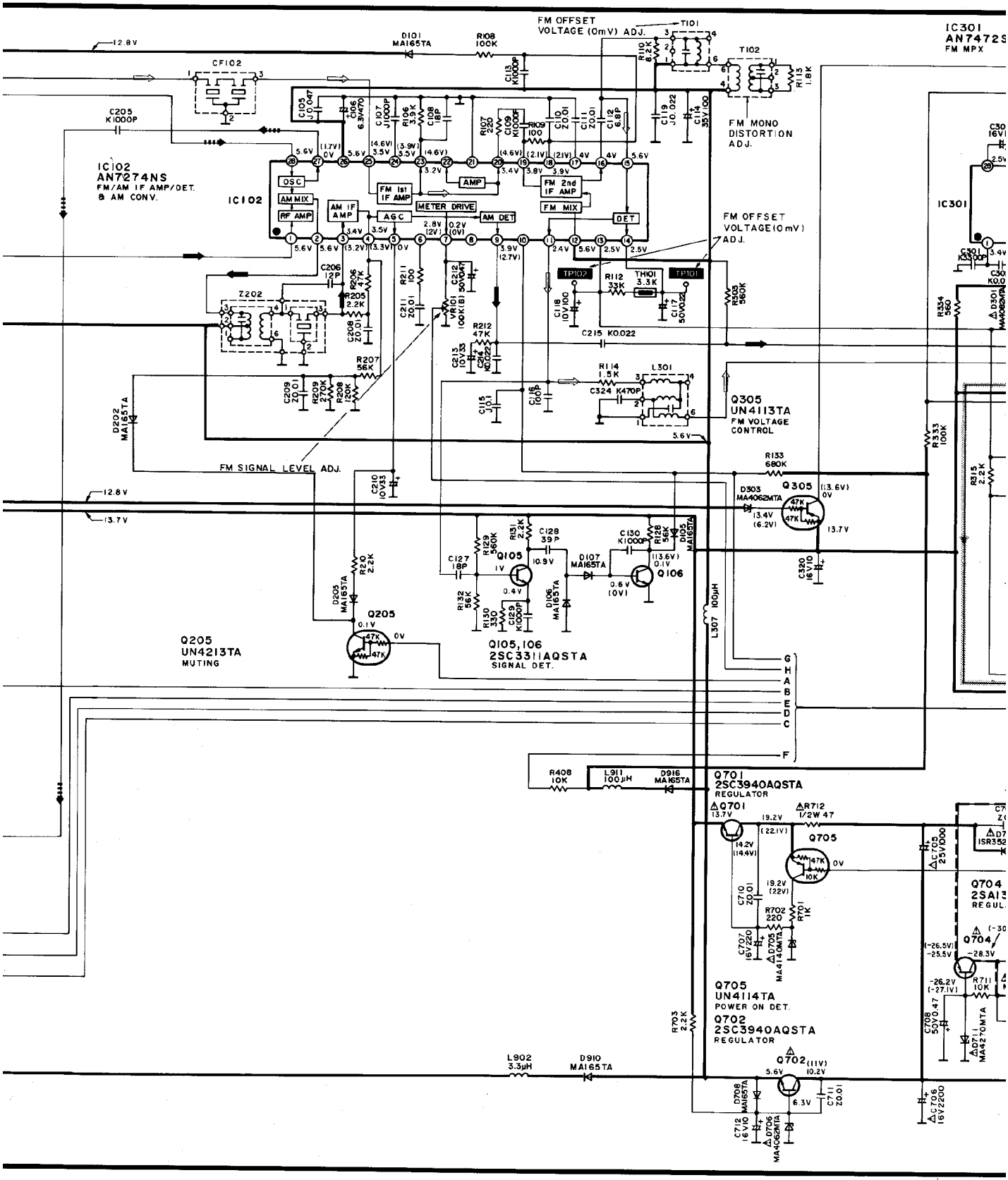


(Parts list on pages 41~44)

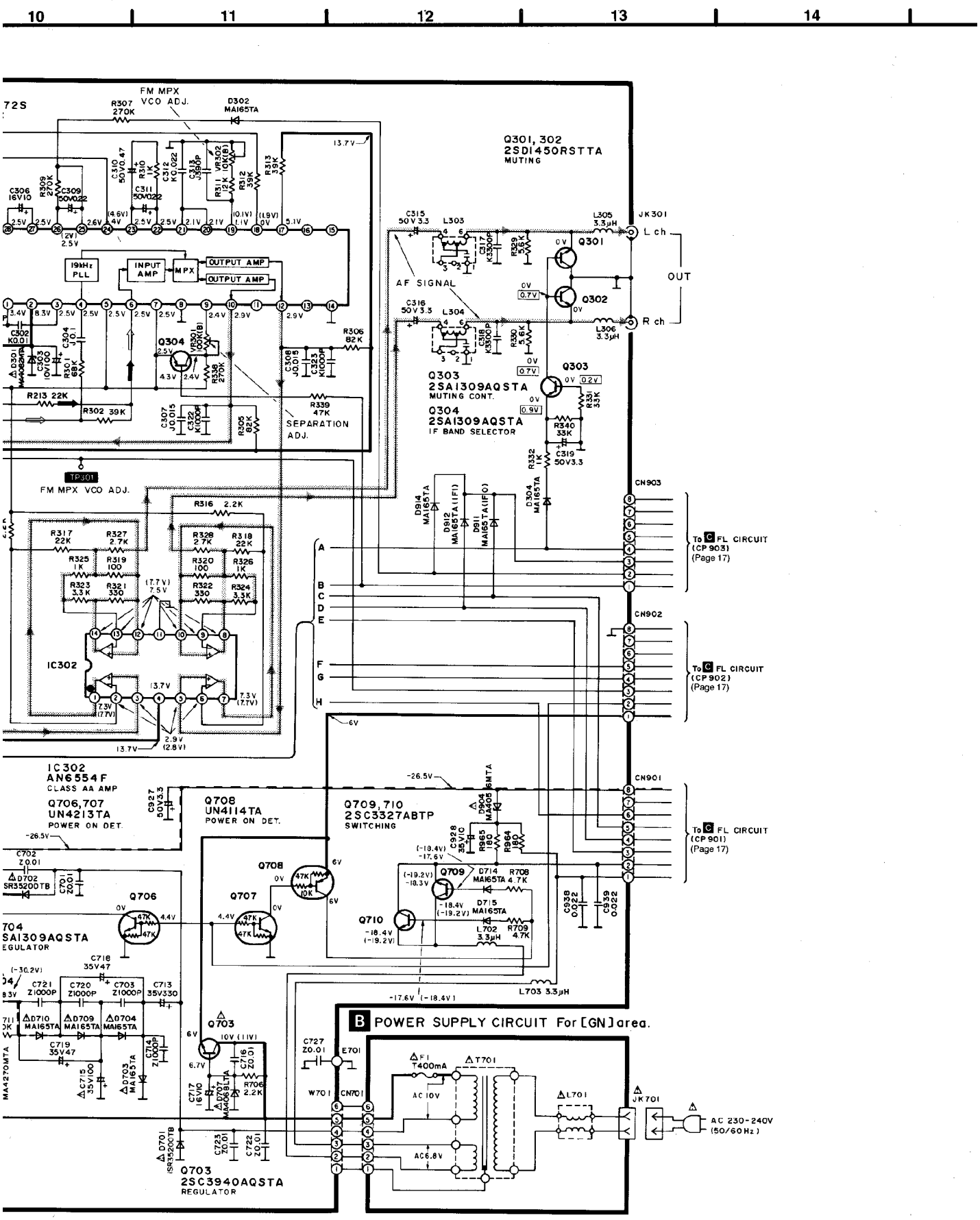
●Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-imedance) with the c
Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
No mark: FM ( ): AM [ ]: Muting

5 6 7 8 9

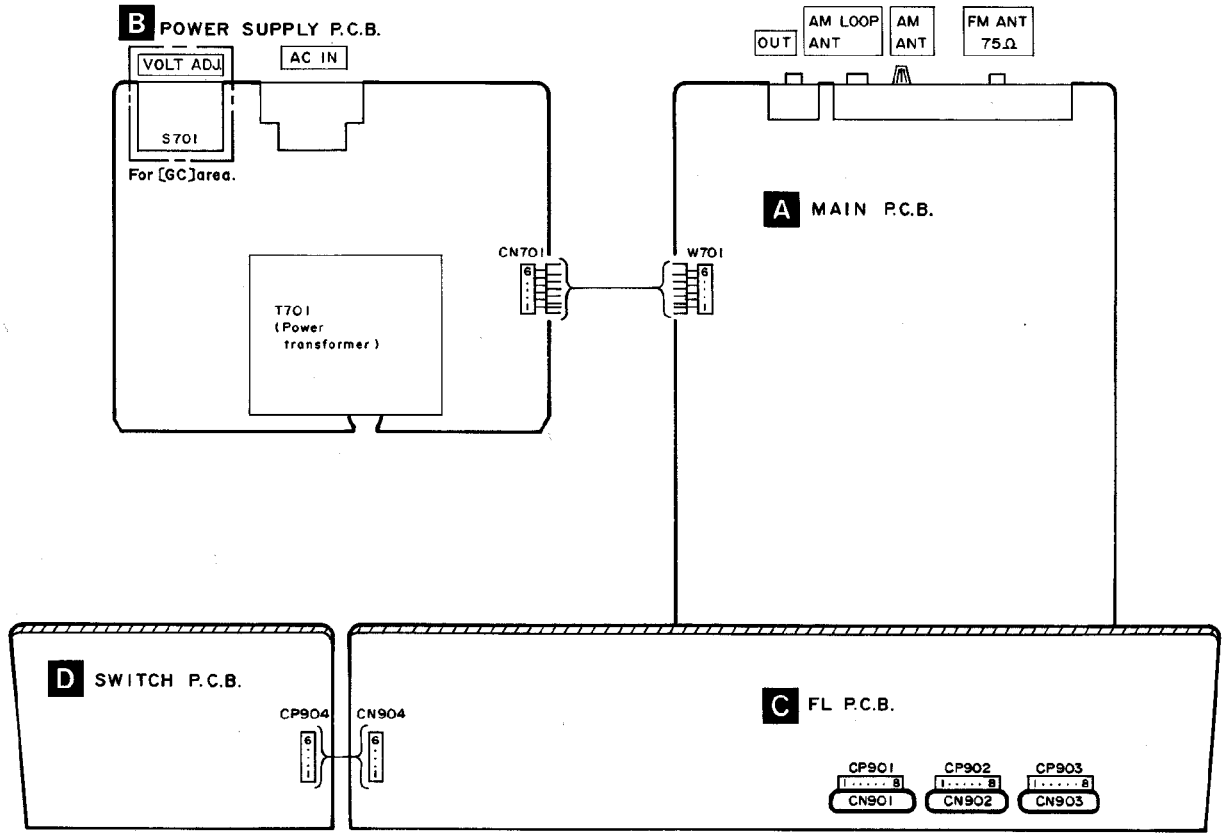
)WER SUPPLY) For [GC,GN] areas.



the chassis taken as standard.

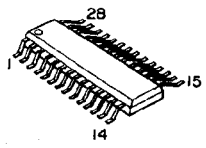


■ WIRING CONNECTION DIAGRAM

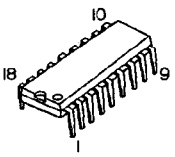


•Terminal guide of IC's, transistors and diodes

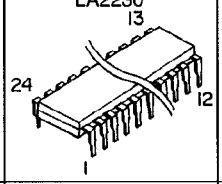
AN7274NS
AN7472S

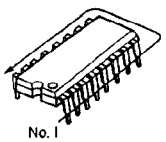


LC7073



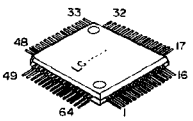
LA2230



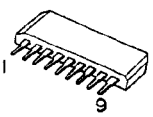


AN6554F	14 Pin
LM7001	16 Pin

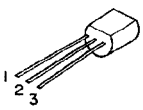
LC8A012A5391
LC8A012A5376



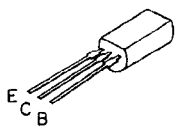
AN278



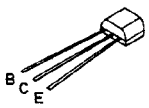
MN1381RTA

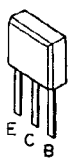


2SC3940AQSTA

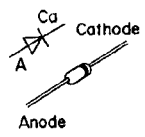


2SC3327ABTP



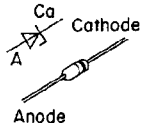


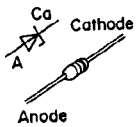
2SA1309AQSTA
2SC2785FETA
2SC2786MTA
2SC3311AQSTA
2SD1450RSTTA
UN4113TA
UN4114TA
UN4213TA



MA165TA
1SS291TA
1SR35200TB

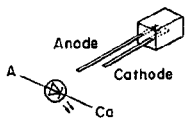
MA4140MTA
MA4270MTA





MA4056MTA
MA4062MTA
MA4082MTA
MA4068LTA

LN873RP-C



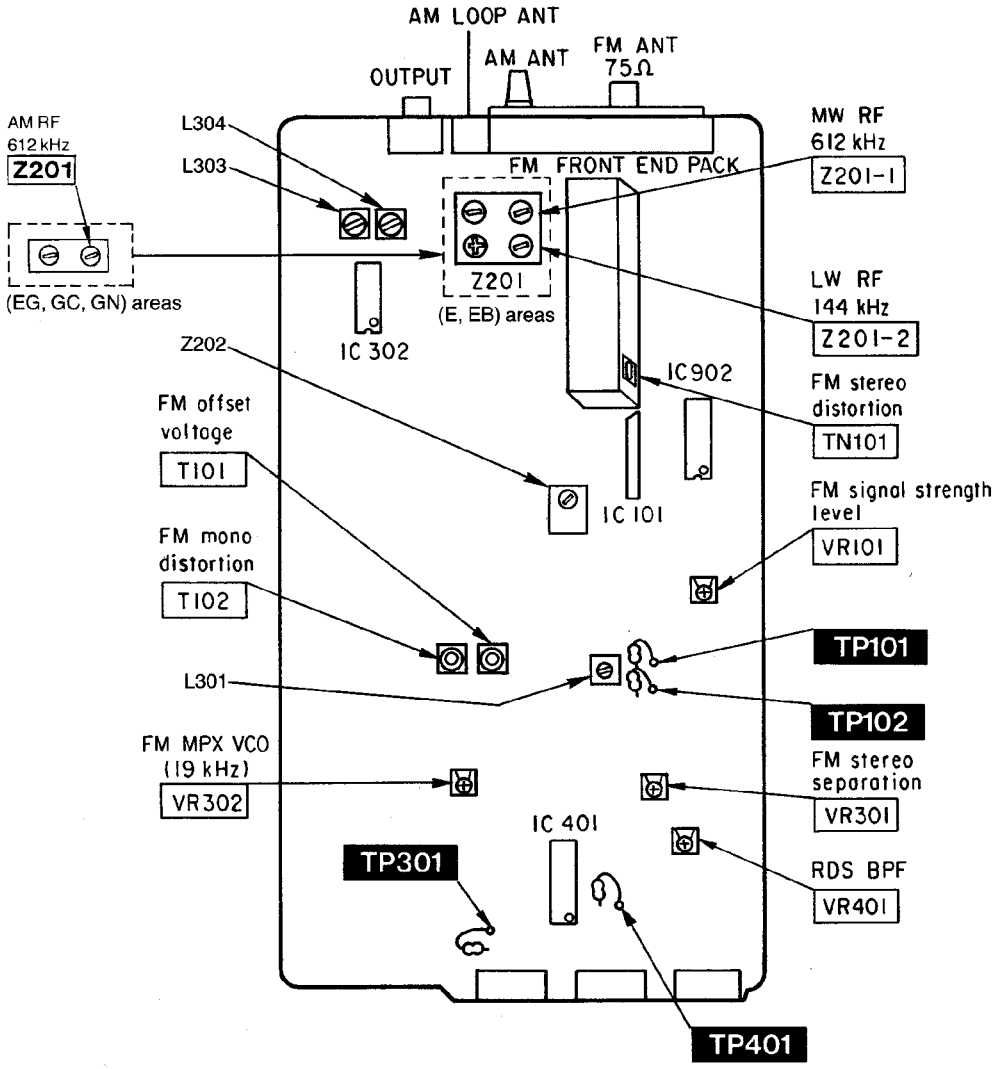
■ MEASUREMENTS AND ADJUSTMENTS

Equipment used

- •FM signal generator (FM-SG)
- •AM signal generator (AM-SG)
- •Stereo modulator
- •Distortion analyser
- •RDS modulator
- •Resistor (100 kΩ)
- •Oscilloscope
- •Choke coil (100 μH)
- •Frequency counter
- •AC and DC electronic voltmeter (EVM)
- •75Ω coaxial cable

Note: for **Z202**, **L301**, **L303** and **L304**, they are supplied as adjusted parts. So, do not turn the cores of the parts.

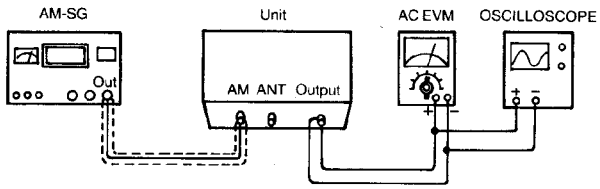
•Adjustment points



MW RF ADJUSTMENT [for (E) (EB) areas]

1. Test equipment connection is shown in figure.
2. Set the unit to "**MW**" mode.
3. Set the radio frequency display and signal generator to **612 kHz**.
4. Adjust **Z201-1** so that the output terminal is maximized.

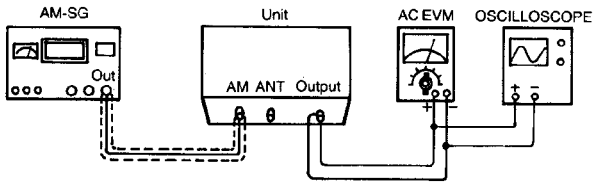
AM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation frequency ..... 400 Hz
Note:
Adjust the output from AM signal generator to a low level.



AM RF ADJUSTMENT [for (EG) (GC) (GN) areas]

1. Test equipment connection is shown in figure.
2. Set the unit to "**AM**" mode.
3. Set the radio frequency display and signal generator to **612 kHz**.
4. Adjust **Z201** so that the output terminal is maximized.

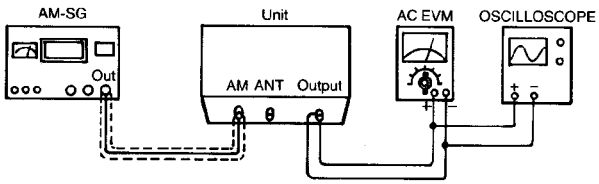
AM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation frequency ..... 400 Hz
Note:
Adjust the output from AM signal generator to a low level.



LW RF ADJUSTMENT [for (E) (EB) areas]

1. Test equipment connection is shown in figure.
2. Set the unit to "**LW**" mode.
3. Set the radio frequency display and signal generator to **144 kHz**.
4. Adjust **Z201-2** so that the output terminal is maximized.

AM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation frequency ..... 400 Hz
Note:
Adjust the output from AM signal generator to a low level.

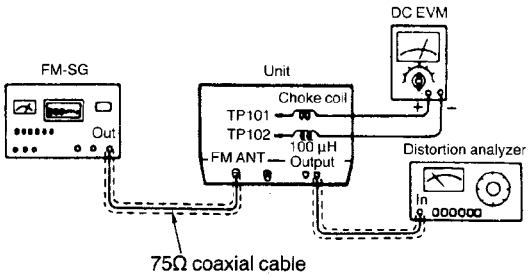


FM MONO DISTORTION/FM OFFSET VOLTAGE ADJUSTMENT

1. Test equipment connection is shown in figure.
2. Set the unit to **"FM"** and **"IF normal"** mode.
3. Set the radio frequency display and signal generator to **100.10 MHz**.
4. Adjust the core of **T101** so that the voltage measured in signal mode is **0 mV** (0±20 mV) in 300 mV range.
5. Adjust **T102** so that the distortion factor of L-CH is minimized.
6. Repeat steps 4 and 5.
7. Make sure that the distortion factors of L-CH and R-CH are nearly the same and minimum.

Note: The adjusting screwdriver used should be made of resin.

FM SIGNAL GENERATOR CONDITION
Modulation 100%
Modulation frequency ..... 1 kHz
Output level ..... 66 dB



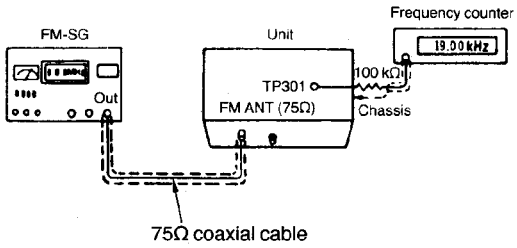
FM MPX VCO ADJUSTMENT

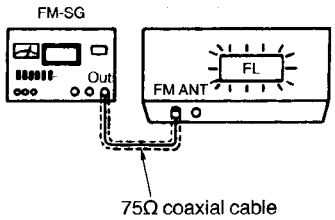
1. Test equipment connection is shown in figure.
2. Set the unit to **"FM"** and **"IF normal"** mode.
3. Set the radio frequency display and signal genarator to **100.50 MHz**.
4. Adjust **VR302** for **19 kHz±30 Hz** on frequency counter reading.

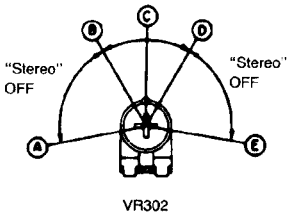
•USING ALTERNATE SYSTEM

1. Apply stereo signal from generator or receive the stereo broadcast.
2. Adjust **VR302** until stereo indicator lights up. Fix the arm of **VR302** as shown in figure.

FM SIGNAL GENERATOR CONDITION
Modulation 0%
Modulation frequency ..... 0 kHz
Output level ..... 66 dB





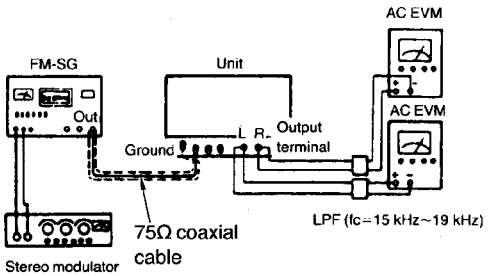


Ⓐ~Ⓑ, Ⓓ~Ⓔ ..... "Stereo" OFF position
Ⓑ~Ⓓ ..... "Stereo" ON position (Indicator lighting)
Ⓒ ..... Adjust point of pilot circuit

FM STEREO SEPARATION ADJUSTMENT

1. Test equipment connection is shown in figure.
2. Set the unit to **"FM"** mode.
3. Set the radio frequency display and signal generator to **100.20 MHz**.
4. Adjust **VR301** so that the R-CH output is minimized when stereo modulator is in "L" (L-CH modulation) mode.

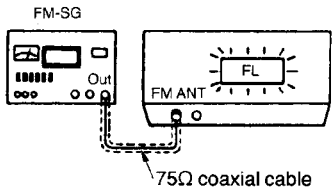
FM SIGNAL GENERATOR CONDITION
Modulation ..... Stereo "L" mode or "R" mode 90%, Pilot 10%
Modulation frequency ..... 1 kHz (Pilot 19 kHz)
Output level ..... 66 dB



FM SIGNAL STRENGTH LEVEL ADJUSTMENT

1. Test equipment connection is shown in figure.
2. Set the unit to "**FM**" and "**IF normal**" mode.
3. Set the radio frequency display and signal generator to **100.50 MHz**.
4. Change FL display from "frequency" to "dB" by pressing the FM signal button.
5. Adjust **VR101** so that **54 dB** is indicated. "**54 dB**" is indicated on the FL display.
6. Repeat steps 4, 5.

FM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation frequency ..... 1 kHz
Output level ..... 60 dB

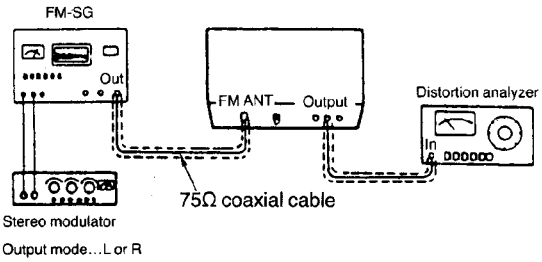


FM STEREO DISTORTION ADJUSTMENT

1. Test equipment connection is shown in figure.
2. Set the unit to "**FM**" mode.
3. Set the radio frequency display and signal generator to **100.10 MHz**.
4. Adjust **TN101** so that the distortion factor of L-CH is minimized.
5. Make sure that the distortion factors of L-CH and R-CH are nearly the same and minimum.

Note: The adjusting screwdriver used should be made of resin.

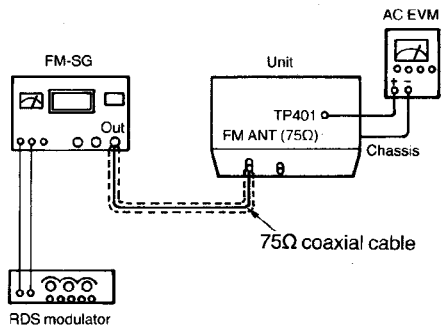
FM SIGNAL GENERATOR CONDITION
Modulation ..... "L" mode or "R" mode 90%, Pilot 10%
Modulation frequency ..... 1 kHz (Pilot 19 kHz)
Output level ..... 66 dB



RDS (Radio data system) BPF ADJUSTMENT

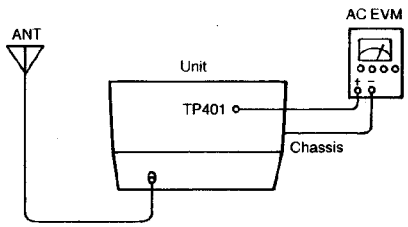
1. Test equipment connection is shown in figure.
2. Set the unit to "**FM**" mode.
3. Set the radio frequency display and signal generator to **100.10 MHz**.
4. Adjust **VR401** so that the **TP401** output is maximized.

FM SIGNAL GENERATOR CONDITION
Modulation 100%
Modulation frequency ..... 1 kHz
RDS modulation 2.7%
Output level ..... 66 dB



How to make simple adjustment without using a RDS modulator

1. Tune into a FM broadcast with a RDS signal transmitted from a FM station whose electric field intensity is more than **50 dB**.
2. Adjust **VR401** to increase a bi-phase signal to a maximum.



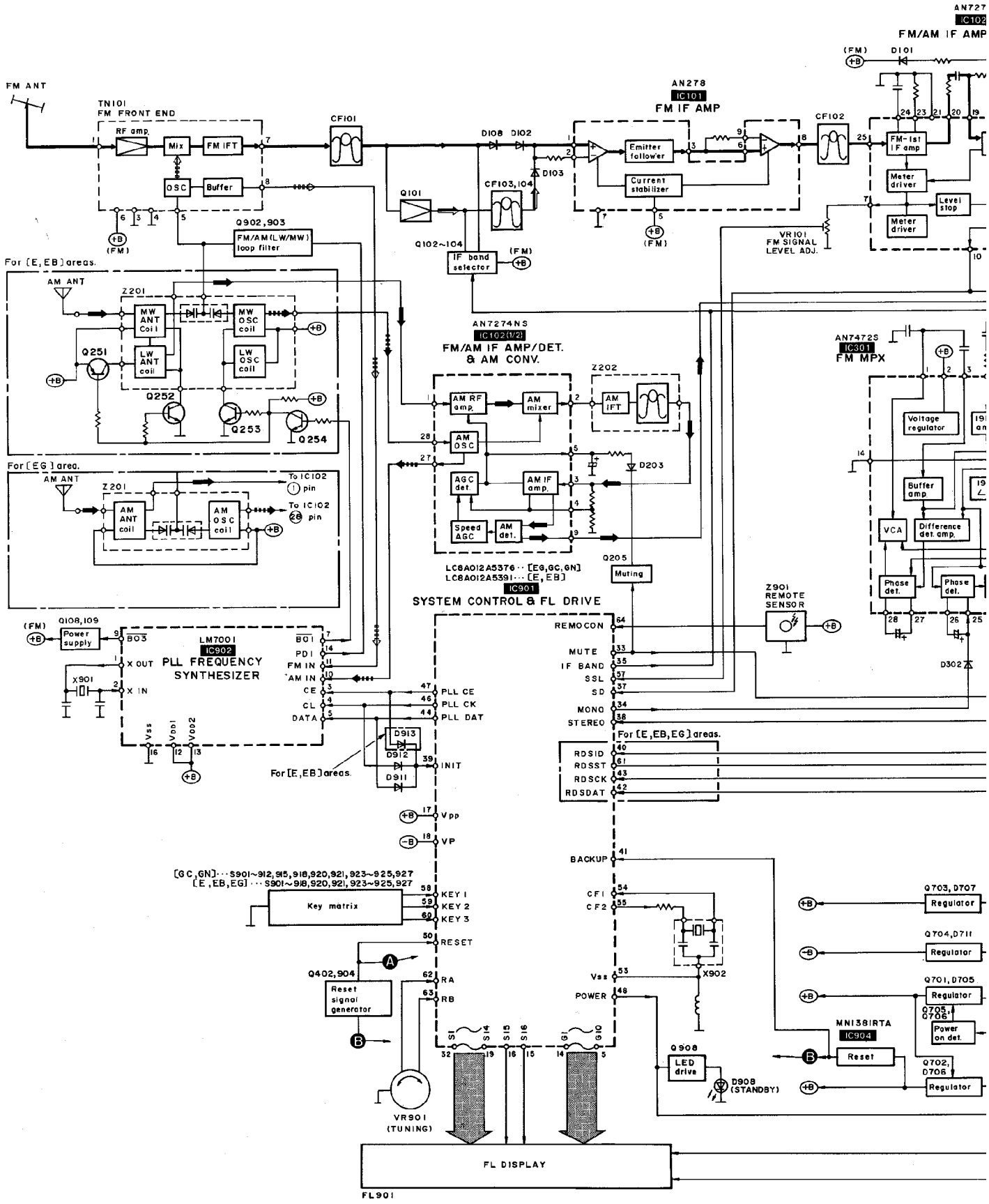
■ FUNCTIONS OF IC TERMINALS

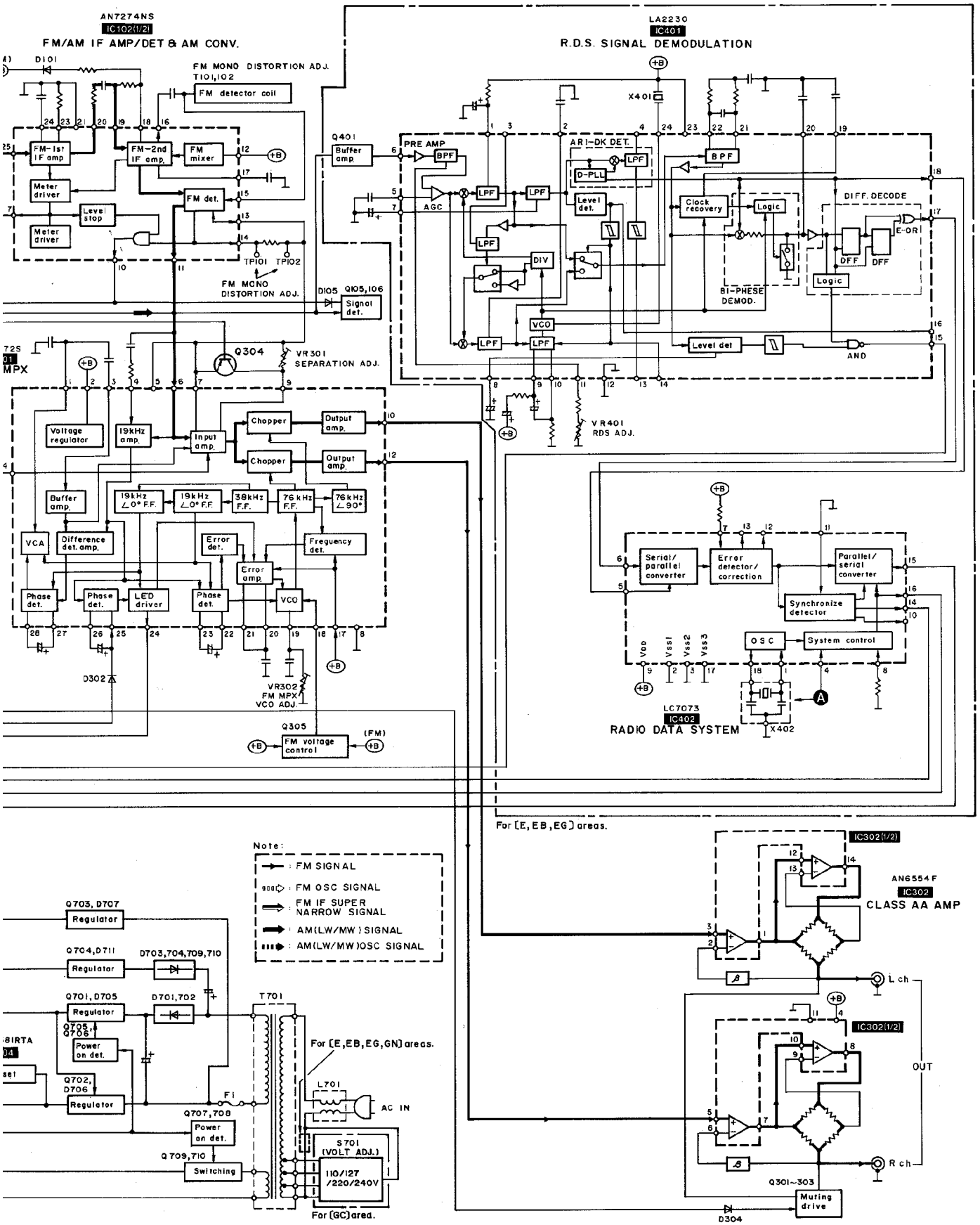
•IC901 (LC8A012A5391/LC8A012A5376)

Pin No.	Terminal Name	I/O	Function
1	No use	—	———
2	No use	—	———
3	No use	—	———
4	No use	—	———
5 ≀ 14	G10 ≀ G1	O	Grid signal output
15 • 16	S16 • S15	O	Segment signal output
17	VPP	—	Power supply for FL (+5 V)
18	VP	—	Power supply for FL (−VP)
19 ≀ 32	S14 ≀ S1	O	Segment signal output
33	MUTE	O	Muting signal output
34	MONO	O	Forcible monaural select signal output
35	IF BAND	O	IF BAND select signal output H: NARROW L: NORMAL
36	No use	—	———
37	SD	I	Station detector signal input
38	STEREO	I	Stereo signal input
39	INIT	I	Initial setting signal input
40	RDSID	I	RDSID signal input
41	BACK UP	I	Power failure detect signal input

Pin No.	Terminal Name	I/O	Function
42	RDSDAT	I	RDS data input
43	RDSCK	I	RDS clock input
44	PLL DAT	O	Serial data output
45	No use	—	———
46	PLL CK	O	Serial clock signal output
47	PLL CE	O	LM7001 chip enable signal output
48	POWER	O	Power control signal output
49	No use	—	———
50	RESET	I	Reset signal input
51	XT1	I	Connected to V_{DD}
52	No use	—	———
53	V_{SS}	—	Connected to GND
54	CF1	I	Connecting terminal for ceramic filter
55	CF2	O	
56	V_{DD}	I	Power supply (+5 V)
57	SSL	I	Tuning level signal input
58 ≀ 60	KEY 1 ≀ KEY 3	I	Key matrix signal input
61	RDS ST	I	RDS data start signal input
62	RA	I	Rotary encoda A signal input
63	RB	I	Rotary encoda B signal input
64	REMOCON	I	Remote control signal input

■ BLOCK DIAGRAM




AN7274NS
IC102(1/2)
FM/AM IF AMP/DET & AM CONV.
FM MONO DISTORTION ADJ.
T101,102
FM detector coil
FM-1st IF amp
FM-2nd IF amp.
FM mixer
Meter driver
Level stop
FM det.
Buffer amp.
TP101
TP102
FM MONO DISTORTION ADJ.
D105
Q105,106
Signal det.
Q304
VR301
SEPARATION ADJ.
MPX
Voltage regulator
19kHz amp.
Input amp.
Chopper
Output amp.
Buffer amp.
19kHz ∠0° F.F.
19kHz ∠0° F.F.
38kHz F.F.
76kHz F.F.
76kHz ∠90°
VCA
Difference det. amp.
Error det.
Frequency det.
Error amp.
Phase det.
LED driver
VCO
D302
VR302
FM MPX VCO ADJ.
Q305
FM voltage control
(FM)
LA2230
IC401
R.D.S. SIGNAL DEMODULATION
X401
Q401
Buffer amp.
PRE AMP
BPF
AGC
LPF
ARI-DK DET.
D-PLL
Level det.
DIV
VCO
Clock recovery
Logic
DIFF. DECODE
E-OR
DFF
BI-PHESE DEMOD.
AND
VR401
RDS ADJ.
Serial/ parallel converter
Error detector/ correction
Parallel/ serial converter
Synchronize detector
OSC
System control
Vdd
Vss1
Vss2
Vss3
LC7073
IC402
RADIO DATA SYSTEM
X402
For [E, EB, EG] areas.
Note:
: FM SIGNAL
: FM OSC SIGNAL
: FM IF SUPER NARROW SIGNAL
: AM(LW/MW) SIGNAL
: AM(LW/MW)OSC SIGNAL
Q703, D707
Regulator
Q704, D711
Regulator
D703,704,709,710
Q701, D705
Regulator
D701,702
T701
Power on det.
Q702, D706
Regulator
F1
Q707,708
Power on det.
Q709,710
Switching
L701
AC IN
S701 (VOLT ADJ.)
110/127 /220/240V
For [E,EB,EG,GN] areas.
For (GC) area.
IC302(1/2)
AN6554F
IC302
CLASS AA AMP
L ch
R ch
OUT
Q301~303
Muting drive
D304

■ REPLACEMENT PARTS LIST

Notes: *Important safety notice:
Components identified by ⚠ mark have special characteristics important for safety.
Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.
When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.
*The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)
Parts without these indications can be used for all areas.

Ref. No.	Part No.	Part Name & Description	Remarks
		INTEGRATED CIRCUIT(S)	
IC101	AN278	I. C. FM IF AMP.	
IC102	AN7274NS	I. C. FM/AM IF AMP. &DET.	
IC301	AN7472S	I. C. FM MPX	
IC302	AN6554F	I. C. CLASS AA AMP.	
IC401	LA2230	I. C. RDS SIGNAL DEMODULATION	(E, EB, EG)
IC402	LC7073	I. C. RADIO DATA SYSTEM	(E, EB, EG)
IC901	LC8A012A5391	I. C. SYSTEM CONTROL	(E, EB)
IC901	LC8A012A5376	I. C. SYSTEM CONTROL	(EG, GC, GN)
IC902	LM7001	I. C. PLL FREQ. SYNTHESIZER	
IC904	MN1381RTA	I. C. RESET	
		TRANSISTOR(S)	
Q101	2SC2786M	TRANSISTOR	
Q102, 103	UN4113TA	TRANSISTOR	
Q104	UN4213	TRANSISTOR	
Q105, 106	2SC3311A-Q	TRANSISTOR	
Q108	UN4114TA	TRANSISTOR	
Q109	2SC3311A-Q	TRANSISTOR	
Q205	UN4213	TRANSISTOR	
Q251	2SA1309A-R	TRANSISTOR	(E, EB)
Q252	2SD1450RTA	TRANSISTOR	(E, EB)
Q253, 254	2SC3311A-Q	TRANSISTOR	(E, EB)
Q301, 302	2SD1450RTA	TRANSISTOR	
Q303, 304	2SA1309A-R	TRANSISTOR	
Q305	UN4113TA	TRANSISTOR	
Q401	2SA1309A-R	TRANSISTOR	(E, EB, EG)
Q402	UN4213	TRANSISTOR	(E, EB, EG)
Q701-703	2SC3940AQSTA	TRANSISTOR	⚠
Q704	2SA1309A-R	TRANSISTOR	⚠
Q705	UN4114TA	TRANSISTOR	
Q706, 707	UN4213	TRANSISTOR	
Q708	UN4114TA	TRANSISTOR	
Q709, 710	2SC3327-A	TRANSISTOR	
Q902, 903	2SC2785FE	TRANSISTOR	
Q904	UN4213	TRANSISTOR	
Q908	UN4114TA	TRANSISTOR	
		DIODE(S)	
D101-103	MA165	DIODE	
D105-108	MA165	DIODE	
D202	MA165	DIODE	(EG, GC, GN)
D203	MA165	DIODE	
D301	MA4082MTA	DIODE	⚠
D302	MA165	DIODE	
D303	MA4062MTA	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D304	MA165	DIODE	
D701, 702	1SR35200TB	DIODE	⚠
D703, 704	MA165	DIODE	⚠
D705	MA4140M	DIODE	⚠
D706	MA4062MTA	DIODE	⚠
D707	MA4068L	DIODE	⚠
D708	MA165	DIODE	
D709, 710	MA165	DIODE	⚠
D711	MA4270	DIODE	⚠
D714, 715	MA165	DIODE	
D901	1SS291TA	DIODE	
D902, 903	MA165	DIODE	
D904	MA4056MTA	DIODE	⚠
D908	LN873RP-C	LED	
D909-912	MA165	DIODE	
D913	MA165	DIODE	(E, EB)
D914	MA165	DIODE	(GC, GN)
D916, 917	MA165	DIODE	
D918, 919	MA4056MTA	DIODE	
D927	MA4062MTA	DIODE	
		VARIABLE RESISTOR(S)	
VR101	EVNDXAA00B15	V. R, FM SIGNAL LEVEL ADJ.	
VR301	EVNDXAA00B15	V. R, FM STEREO SEPARATION	
VR302	EVNDXAA00B14	V. R, FM MPX VCO ADJ.	
VR401	EVNDXAA00B14	V. R, RDS ADJ.	(E, EB, EG)
VR901	RRVEC16B12-A	V. R, TUNING CONTROL	
		CERAMIC FILTER(S)	
CF101	RLFFETNGA01L	CERAMIC FILTER	[RED]
CF101	RLFFETNGB01L	CERAMIC FILTER	[BLUE]
CF101	RLFFETNGC01L	CERAMIC FILTER	[ORANGE]
CF102	RLFFETNGA02L	CERAMIC FILTER	[RED]
CF102	RLFFETNGB02L	CERAMIC FILTER	[BLUE]
CF102	RLFFETNGC02L	CERAMIC FILTER	[ORANGE]
CF103, 104	RLFFETNGA01L	CERAMIC FILTER	[RED] (E, EG, GC, GN)
CF103, 104	RLFFETNGB01L	CERAMIC FILTER	[BLUE] (E, EG, GC, GN)
CF103, 104	RLFFETNGC01L	CERAMIC FILTER	[ORANGE] (E, EG, GC, GN)
CF103, 104	SVFE107MZ2-A	CERAMIC FILTER	(EB)
		THERMISTOR(S)	
TH101	ERTD2ZHL332T	THERMISTOR	
		COMPONENT COMBINATION(S)	
TN101	ENV17290G1	FM FRONT END	
Z201	RLA2Z001-T	COMPONENT COMBINATION	(EG, GC, GN)
Z201	RLA6Z002-T	COMPONENT COMBINATION	(E, EB)

Ref. No.	Part No.	Part Name & Description	Remarks
Z202	RLI2Z002-W	COMPONENT COMBINATION	
Z901	RCDHC-278	REMOTE SENSOR	
		COIL(S)	
L201, 202	ELESNR68MA	COIL	(EG, GC, GN)
L201, 202	ELESNR22MA	COIL	(E, EB)
L301	SLM1B10M-1M	COIL	
L303, 304	RLM2B003-K	COIL	
L305, 306	ELEXT3R3KA9	COIL	
L307	ELEXT101KA9	COIL	
L403	ELEXT101KA9	COIL	(E, EB, EG)
L701	RLQZ600M-W	COIL	⚠
L702, 703	ELEXT3R3KA9	COIL	
L902	ELEXT3R3KA9	COIL	
L903	ELEXTR22MA9	COIL	
L907, 908	ELEXT101KA9	COIL	
L911	ELEXT101KA9	COIL	
L916	ELEXTR22MA9	COIL	
L917	ELEXT3R3KA9	COIL	
L919	ELEXT3R3KA9	COIL	
		TRANSFORMER(S)	
T101	RLI4B005-Z	TRANSFORMER	
T102	RLI4B006-Z	TRANSFORMER	
T701	RTP1K4E022	POWER TRANSFORMER	⚠(E, EB, EG, GN)
T701	RTP1K4E024	POWER TRANSFORMER	⚠(GC)
		OSCILLATOR(S)	
X401	RSXZ456KM07	OSCILLATOR(456KHz)	(E, EB, EG)
X402	RVBCST4R00MT	OSCILLATOR(4MHz)	(E, EB, EG)
X901	SVQ49U722-S	OSCILLATOR(7.2MHz)	
X902	EF0EC6004T4	OSCILLATOR(6MHz)	
		DISPLAY	
FL901	RSL0154-F	FL DISPLAY	
		SWITCH(ES)	
S701	SSR187-1	SW, VOLTAGE SELECTOR	⚠(GC)
S901	EVQ21405R	SW, POWER	
S902	EVQ21405R	SW, PRESET-TUNING(9)	
S903	EVQ21405R	SW, TUNING MODE	
S904	EVQ21405R	SW, IF BAND/DISP MODE	
S905	EVQ21405R	SW, PRESET-TUNING(0)	
S906	EVQ21405R	SW, PRESET-TUNING(1)	
S907	EVQ21405R	SW, PTY SELECTOR/SIGNAL	
S908	EVQ21405R	SW, PRESET-TUNING(≧10)	
S909	EVQ21405R	SW, PRESET-TUNING(2).	
S910	EVQ21405R	SW, SEARCH/MODE	
S911	EVQ21405R	SW, -BAND	
S912	EVQ21405R	SW, PRESET-TUNING(3)	
S913	EVQ21405R	SW, TP SEARCH	(E, EB, EG)
S914	EVQ21405R	SW, SIGNAL	(E, EB, EG)

Ref. No.	Part No.	Part Name & Description	Remarks
S915	EVQ21405R	SW, PRESET-TUNING(4)	
S916	EVQ21405R	SW, IF BAND	(E, EB, EG)
S917	EVQ21405R	SW, FM MODE	(E, EB, EG)
S918	EVQ21405R	SW, PRESET-TUNING(5)	
S920	EVQ21405R	SW, MEMORY	
S921	EVQ21405R	SW, PRESET-TUNING(6)	
S923	EVQ21405R	SW, PRESET DOWN	
S924	EVQ21405R	SW, PRESET-TUNING(7)	
S925	EVQ21405R	SW, PRESET UP	
S927	EVQ21405R	SW, PRESET-TUNING(8)	
		CONNECTOR(S)	
CN701	SJT30643-V	CONNECTOR(6P)	
CN901-903	RJU003K008M1	SOCKET(8P)	
CN904	SJS50682JQH	SOCKET(6P)	
CP901-903	RJT003K008-1	CONNECTOR(8P)	
CP904	SJT30645JQ	CONNECTOR(6P)	
		EARTH TERMINAL(S)	
E101	SNE1004-1	GND PLATE	
E701	SNE1004-1	GND PLATE	
		FUSE HOLDER(S)	
FC703, 704	EYF52BC	FUSE HOLDER	
		FUSE	
F1	XBA2C04TB0	FUSE, 250V T400mA	⚠
		JACK(S)	
JK101	RJH4202M	ANTENNA TERMINAL	
JK301	SJF3068-5N	OUTPUT TERMINAL	
JK701	SJS9236	AC INLET	⚠(E, EB, EG, GC)
JK701	SJSD16	AC INLET	⚠(GN)
		TEST POINT(S)	
TP101	ERD25V0R00T	TEST POINT	
TP102	ERD25V0R00T	TEST POINT	
TP301	ERD25V0R00T	TEST POINT	
TP401	ERD25V0R00T	TEST POINT	(E, EB, EG)

Notes : * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads(pF) F=Farads(F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000(OHM) , 1M=1,000k(OHM)

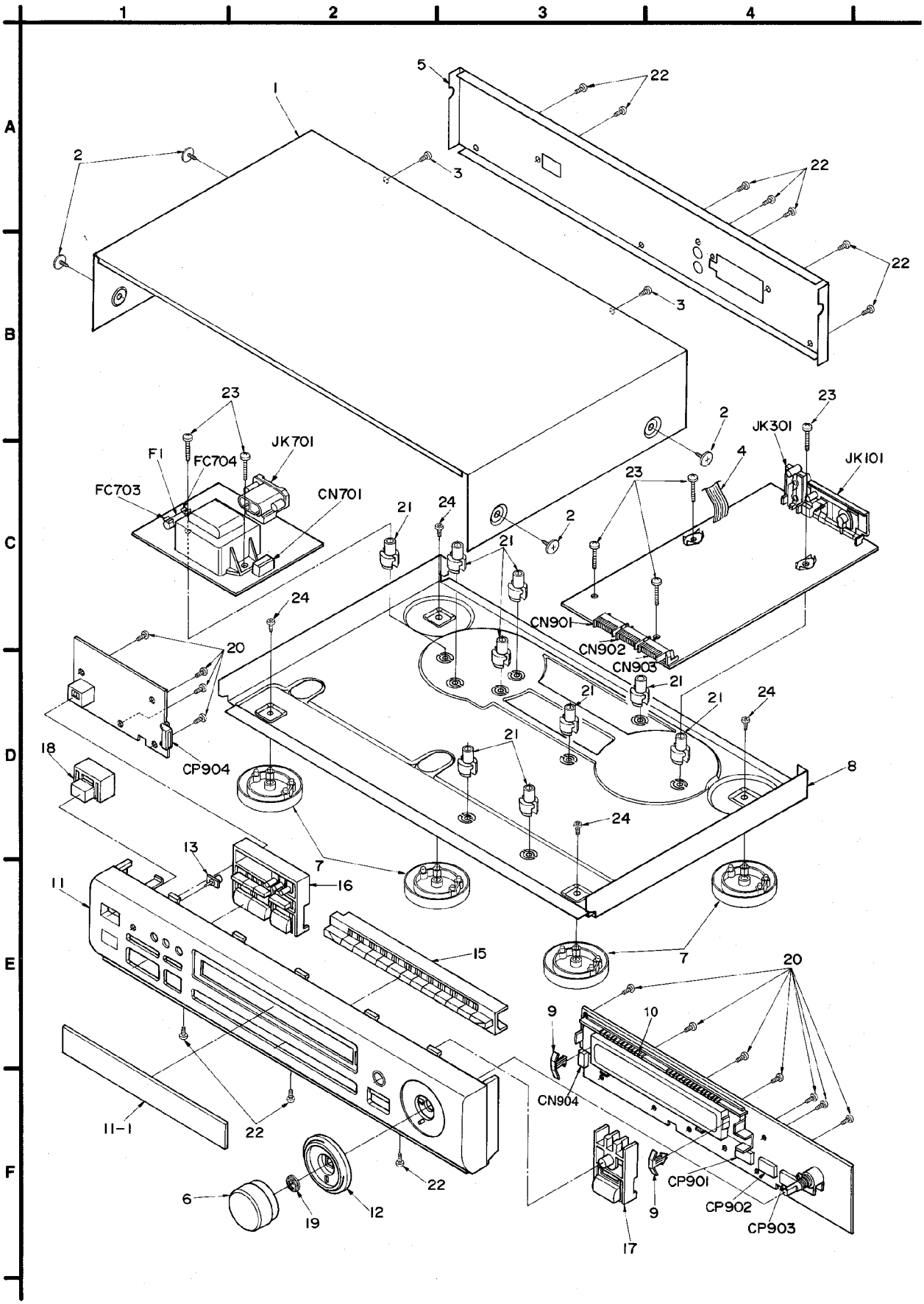
Ref. No.	Part No.	Values & Remarks
		RESISTORS
R101	ERDS2TJ102	1/4W 1K
R102, 103	ERDS2TJ561	1/4W 560
R104	ERDS2TJ331	1/4W 330
R105	ERDS2TJ152	1/4W 1.5K
R106	ERDS2TJ392T	1/4W 3.9K
R107	ERDS2TJ221	1/4W 220
R108	ERDS2TJ104	1/4W 100K
R109	ERDS2TJ101	1/4W 100
R110	ERDS2TJ822	1/4W 8.2K
R112	ERDS2TJ333	1/4W 33K
R113	ERDS2TJ182	1/4W 1.8K
R114	ERDS2TJ152	1/4W 1.5K
R115	ERDS2TJ471	1/4W 470
R116	ERDS2TJ103	1/4W 10K
R117	ERDS2TJ682T	1/4W 6.8K
R118	ERDS2TJ472	1/4W 4.7K
R119	ERDS2TJ102	1/4W 1K
R120	ERDS2TJ331	1/4W 330
R121	ERDS2TJ102	1/4W 1K
R125	ERDS2TJ332	1/4W 3.3K
R126	ERDS2TJ104	1/4W 100K
R128	ERDS2TJ563	1/4W 56K
R129	ERDS2TJ564	1/4W 560K
R130	ERDS2TJ331	1/4W 330
R131	ERDS2TJ222	1/4W 2.2K
R132	ERDS2TJ563	1/4W 56K
R133	ERDS2TJ684	1/4W 680K
R134	ERDS2TJ820	1/4W 82 E, EG, GC, GN
R134	ERDS2TJ2R7T	1/4W 2.7 EB
R202	ERDS2TJ822	1/4W 8.2K
R203	ERDS2TJ104	1/4W 100K
R204	ERDS2TJ122	1/4W 1.2K E, EB
R204	ERDS2TJ103	1/4W 10K EG, GC, GN
R205	ERDS2TJ222	1/4W 2.2K
R206	ERDS2TJ473	1/4W 47K
R207	ERDS2TJ563	1/4W 56K
R208	ERDS2TJ124T	1/4W 120K
R209	ERDS2TJ274	1/4W 270K
R210	ERDS2TJ222	1/4W 2.2K
R211	ERDS2TJ101	1/4W 100
R212	ERDS2TJ473	1/4W 47K
R213	ERDS2TJ223	1/4W 22K
R251	ERDS2TJ472	1/4W 4.7K E, EB
R252	ERDS2TJ103	1/4W 10K E, EB
R253	ERDS2TJ223	1/4W 22K E, EB
R254	ERDS2TJ822	1/4W 8.2K E, EB

Ref. No.	Part No.	Values & Remarks
R255	ERDS2TJ473	1/4W 47K E, EB
R256	ERDS2TJ821	1/4W 820 E, EB
R301	ERDS2TJ683	1/4W 68K
R302	ERDS2TJ393	1/4W 39K E, EB, GC, GN
R302	ERDS2TJ183T	1/4W 18K EG
R303	ERDS2TJ564	1/4W 560K
R305, 306	ERDS2TJ823T	1/4W 82K
R307	ERDS2TJ274	1/4W 270K
R309	ERDS2TJ274	1/4W 270K
R310	ERDS2TJ102	1/4W 1K
R311	ERDS2TJ123	1/4W 12K
R312, 313	ERDS2TJ393	1/4W 39K
R315, 316	ERDS2TJ222	1/4W 2.2K
R317, 318	ERDS2TJ223	1/4W 22K
R319, 320	ERDS2TJ101	1/4W 100
R321, 322	ERDS2TJ331	1/4W 330
R323, 324	ERDS2TJ332	1/4W 3.3K
R325, 326	ERDS2TJ102	1/4W 1K
R327, 328	ERDS2TJ272T	1/4W 2.7K
R329, 330	ERDS2TJ562	1/4W 5.6K
R331	ERDS2TJ333	1/4W 33K
R332	ERDS2TJ102	1/4W 1K
R333	ERDS2TJ104	1/4W 100K
R334	ERDS2TJ561	1/4W 560
R338	ERDS2TJ274	1/4W 270K
R339	ERDS2TJ473	1/4W 47K
R340	ERDS2TJ333	1/4W 33K
R401	ERDS2TJ564	1/4W 560K E, EB, EG
R402	ERDS2TJ332	1/4W 3.3K E, EB, EG
R403	ERDS2TJ125	1/4W 1.2M E, EB, EG
R404	ERDS2TJ102	1/4W 1K E, EB, EG
R405	ERDS2TJ332	1/4W 3.3K E, EB, EG
R406	ERDS2TJ103	1/4W 10K E, EB, EG
R407	ERDS2TJ223	1/4W 22K E, EB, EG
R408	ERDS2TJ103	1/4W 10K
R409	ERDS2TJ472	1/4W 4.7K E, EB, EG
R410	ERDS2TJ102	1/4W 1K E, EB, EG
R412, 413	ERDS2TJ103	1/4W 10K E, EB, EG
R701	ERDS2TJ102	1/4W 1K
R702	ERDS2TJ221	1/4W 220
R703	ERDS2TJ222	1/4W 2.2K
R706	ERDS2TJ222	1/4W 2.2K
R708, 709	ERDS2TJ472	1/4W 4.7K
R711	ERDS2TJ103	1/4W 10K
R712	ERDS1FVJ470T	1/2W 47 ⚠
R903	ERDS2TJ562	1/4W 5.6K
R904	ERDS2TJ561	1/4W 560
R906	ERDS2TJ103	1/4W 10K
R912	ERDS2TJ102	1/4W 1K

Ref. No.	Part No.	Values & Remarks
R921	ERDS2TJ102	1/4W 1K
R922	ERDS2TJ104	1/4W 100K
R923	ERDS2TJ102	1/4W 1K
R928	ERDS2EJ121	1/4W 120
R929, 930	ERDS2TJ103	1/4W 10K
R931, 932	ERDS2TJ104	1/4W 100K
R933	ERDS2TJ221	1/4W 220
R934-936	ERDS2TJ102	1/4W 1K
R937-939	ERDS2TJ103	1/4W 10K
R940	ERDS2TJ102	1/4W 1K
R941	ERDS2TJ122	1/4W 1.2K E, EB, EG
R941	ERDS2TJ103	1/4W 10K GC, GN
R942, 943	ERDS2TJ122	1/4W 1.2K
R944	ERDS2TJ152	1/4W 1.5K E, EB, EG
R945, 946	ERDS2TJ152	1/4W 1.5K
R947	ERDS2TJ182	1/4W 1.8K E, EB, EG
R948, 949	ERDS2TJ182	1/4W 1.8K
R950	ERDS2TJ222	1/4W 2.2K E, EB, EG
R951, 952	ERDS2TJ222	1/4W 2.2K
R953	ERDS2TJ332	1/4W 3.3K E, EB, EG
R954, 955	ERDS2TJ332	1/4W 3.3K
R957, 958	ERDS2TJ472	1/4W 4.7K
R960, 961	ERDS2TJ682T	1/4W 6.8K
R962, 963	ERDS2TJ123	1/4W 12K
R964, 965	ERDS2TJ181T	1/4W 180
R968	ERDS2TJ104	1/4W 100K
R969-972	ERDS2TJ472	1/4W 4.7K
R973, 974	ERDS2TJ472	1/4W 4.7K E, EB, EG
R975, 976	ERDS2TJ472	1/4W 4.7K
R978-982	ERDS2TJ472	1/4W 4.7K
R983	ERDS2TJ102	1/4W 1K
R984	ERDS2TJ272T	1/4W 2.7K
R985	ERDS2TJ182	1/4W 1.8K
R986-988	ERDS2TJ103	1/4W 10K GC, GN
R989, 990	ERDS2TJ2R2T	1/4W 2.2
R991	ERDS2TJ103	1/4W 10K E, EB
		CAPACITORS
C2	ECBT1E223ZF	25V 0.022U
C3	ECBT1E103ZF	25V 0.01U
C4	ECEA1CKA100B	16V 10U
C101-104	ECBT1E103ZF	25V 0.01U
C105	ECQV1H473JM3	50V 0.047U
C106	ECA0JM471B	6.3V 470U
C107	ECQB1H102JF3	50V 1000P
C108	ECBT1H180JC5	50V 18P
C109	ECBT1H102KB5	50V 1000P
C110, 111	ECKR1H103ZF5	50V 0.01U

Ref. No.	Part No.	Values & Remarks
C112	ECBT1H6R8KC5	50V 6.8P
C113	ECBT1H102KB5	50V 1000P
C114	ECA1VM101B	35V 100U
C115	ECQV1H104JM3	50V 0.1U
C116	ECBT1H101KB5	50V 100P
C117	ECEA1HKAR22B	50V 0.22U
C118	ECEA1AKA101B	10V 100U
C119	ECQB1H223JF3	50V 0.022U
C122-126	ECBT1E103ZF	25V 0.01U
C127	ECBT1H180JC5	50V 18P
C128	ECBT1H390J5	50V 39P
C129, 130	ECBT1H102KB5	50V 1000P
C152	ECQV1H104JM3	50V 0.1U
C201	ECQV1H473JM3	50V 0.047U
C202	ECBT1E223ZF	25V 0.022U
C203	ECBT1H120JC5	50V 12P E, EB
C203	ECBT1H8R2JC5	50V 8.2P EG, GC, GN
C204	ECFR1E223KR	25V 0.022U
C205	ECBT1H102KB5	50V 1000P
C206	ECBT1H120JC5	50V 12P
C208, 209	ECBT1E103ZF	25V 0.01U
C210	ECEA1AKA330B	10V 33U
C211	ECKR1H1032F5	50V 0.01U
C212	ECEA1HKAR47B	50V 0.47U
C213	ECEA1AKA330B	10V 33U
C214, 215	ECFR1E223KR	25V 0.022U
C216	ECEA1AKA101B	10V 100U
C252	ECBT1H120JC5	50V 12P E, EB
C301	ECFR1E332KR	25V 3300P
C302	ECFR1E103KR	25V 0.01U
C303	ECEA1AKA101B	10V 100U
C304	ECQV1H104JM3	50V 0.1U
C306	ECEA1CKA100B	16V 10U
C307, 308	ECQB1H153JF3	50V 0.015U
C309	ECEA1HKAR22B	50V 0.22U
C310	ECEA1HKAR47B	50V 0.47U
C311	ECEA1HKAR22B	50V 0.22U
C312	ECFR1E223KR	25V 0.022U
C313	ECQP1391JZ	50V 390P
C315, 316	ECEA1HKA3R3B	50V 3.3U
C317, 318	ECFR1E332KR	25V 3300P
C319	ECEA1HKA3R3B	50V 3.3U
C320	ECEA1CKA100B	16V 10U
C322, 323	ECBT1H102KB5	50V 1000P
C324	ECBT1H471KB5	50V 470P
C401	ECEA1CKA220B	16V 22U E, EB, EG
C402, 403	ECFR1E332KR	25V 3300P E, EB, EG
C404	ECFR1E103KR	25V 0.01U E, EB, EG
C405	ECBT1E103ZF	25V 0.01U E, EB, EG
C406	ECEA1CKA100B	16V 10U E, EB, EG
C407	ECEA1EKA4R7B	25V 4.7U E, EB, EG
C408	ECEA1CKA100B	16V 10U E, EB, EG
C409	ECEA1EKA4R7B	25V 4.7U E, EB, EG
C410	ECEA0JKA470B	6.3V 47U E, EB, EG
C411	ECFR1E223KR	25V 0.022U E, EB, EG
C412	ECFR1E333KR	25V 0.033U E, EB, EG
C413	ECFR1E682KR	25V 6800P E, EB, EG
C414	ECFR1E333KR	25V 0.033U E, EB, EG
C415	ECEA1HKAR47B	50V 0.47U E, EB, EG
C416	ECEA1CKA100B	16V 10U E, EB, EG
C701, 702	ECKR1H103ZF5	50V 0.01U
C703	ECKR2H102ZF5	500V 1000P
C705	ECA1EM102E	25V 1000U ⚠
C706	ECA1CM222E	16V 2200U ⚠
C707	ECA1CM221B	16V 220U
C708	ECEA1HKAR47B	50V 0.47U
C710, 711	ECBT1E103ZF	25V 0.01U
C712	ECEA1CKA100B	16V 10U
C713	ECA1VM331B	35V 330U
C714	ECKR2H102ZF5	500V 1000P
C715	ECA1VM101B	35V 100U ⚠
C716	ECBT1E103ZF	25V 0.01U
C717	ECEA1CKA100B	16V 10U
C718, 719	ECEA1VU470	35V 47U
C720, 721	ECKR2H102ZF5	500V 1000P
C722, 723	ECKR1H103ZF5	50V 0.01U
C727	ECKR1H103ZF5	50V 0.01U
C904	ECBT1E103ZF	25V 0.01U
C905	ECEA1EKA4R7B	25V 4.7U
C911, 912	ECBT1H150JC5	50V 15P
C914	ECA0JM471B	6.3V 470U
C915	ECBT1H102KB5	50V 1000P
C921	ECA1AM102B	10V 1000U
C922	ECEA0JKA101B	6.3V 100U
C923	ECBT1H102KB5	50V 1000P
C924	ECEA1HKA2R2B	50V 2.2U
C925	ECEA1HKAR47B	50V 0.47U
C926	ECBT1E103ZF	25V 0.01U
C927	ECEA1HKA3R3B	50V 3.3U
C928	ECEA1VKA100B	35V 10U
C929	ECEA0JKA101B	6.3V 100U
C930-935	ECBT1H331KB5	50V 330P
C937	ECEA1CKA330B	16V 33U
C938, 939	ECKT1H223ZF	50V 0.022U
C940-943	ECBT1H331KB5	50V 330P
C951, 952	ECBT1E103ZF	25V 0.01U
C991	ECBT1E103ZF	25V 0.01U E, EB

■ CABINET PARTS LOCATION

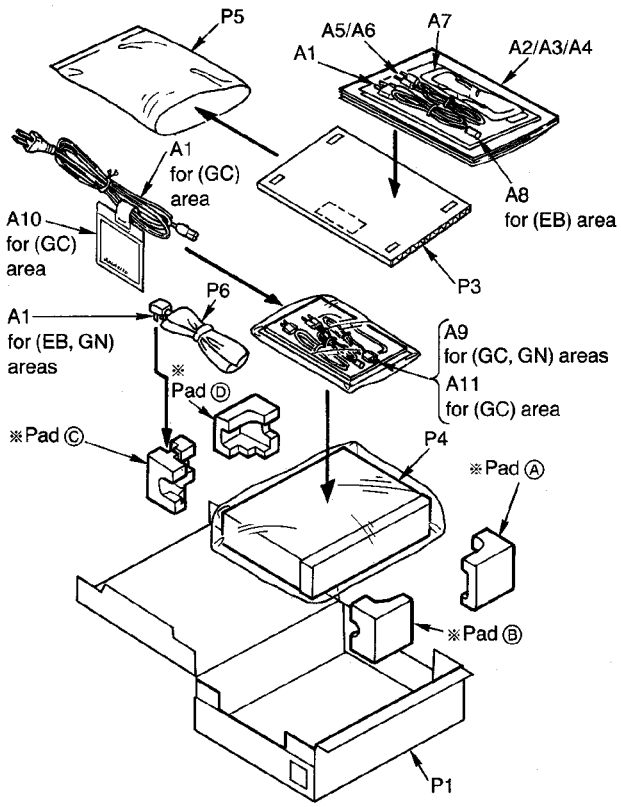


Note: The "(SF)" mark denotes the standard part.
＊[VRD]: indicates parts that are supplied by Video Recorder Division.

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET PARTS	
1	RKM0078-1K	CABINET	
2	SNE2129-1	SCREW	
3	XTBS3+8JFZ1	SCREW	
4	RWJ1806120KQ	FLAT CABLE(6P) (W701)	
5	RGR0148A-H1	REAR PANEL	(E)
5	RGR0148A-J	REAR PANEL	(EB, GN)
5	RGR0148A-G1	REAR PANEL	(EG)
5	RGR0148B-A1	REAR PANEL	(GC)
6	RGW0174-T	KNOB, TUNING CONTROL	
7	RKA0053-A	FOOT	
8	RMK0174-2	BOTTOM BOARD	
9	RMN0195	FL SPACER	
10	RMN0220B	FL HOLDER	
11	RFKGTGT550EK	FRONT PANEL ASS'Y	(E, EB, EG)
11	RFKGTGT550GC	FRONT PANEL ASS'Y	(GC, GN)
11-1	RKW0269B-K	FL PANEL	
12	RGK0543-S	ORNAMENT	
13	RFKNTGT650EA	PANEL LIGHT(A) ASS'Y	
15	RGU0879A-K	BUTTON, PRESET etc.	
16	RGU0880A-K	BUTTON, FUNCTION etc.	(E, EB, EG)
16	RGU0880B-K	BUTTON, FUNCTION etc.	(GC, GN)
17	RGU0881A-K	BUTTON, MODE etc.	
18	RGU0882-K	BUTTON, POWER	
19	RHN90001	NUT	
20	XTBS26+8J	SCREW	
21	SHE187-2	P.C.B. SUPPORT	
22	XTBS3+8JFZ1	SCREW	
23	XTB3+20JFZ	SCREW	
24	XTB3+6J	SCREW	
		PACKING MATERIALS	
P1	RPG1591	PACKING CASE	(E, EG, GC)
P1	RPG1592	PACKING CASE	(EB)
P1	RPG1597	PACKING CASE	(GN)
P2	RPN0628-1	PAD	(E, EG, GC)
P2	RPN0690	PAD	(EB, GN)
P3	RPQ0164	ACCESSORY PAD	
P4	XZB50X65A02Z	PROTECTION COVER(UNIT)	
P5	XZB24X34C04	PROTECTION COVER	
P6	RPH0032	MIRROR SHEET	(EB, GN)
		ACCESSORIES	
A1	RJA0019-2K	AC POWER SUPPLY CORD	⚠(E, EG, GC) (SF)
A1	VJA0733	AC POWER SUPPLY CORD	⚠(EB) (SF) [VRD]
A1	RJA0036-K	AC POWER SUPPLY CORD	⚠(GN)
A2	RQA0013	WARRANTY CARD	(E, EB, EG)
A2	RQX7433ZA	WARRANTY CARD	(GN)

Ref. No.	Part No.	Part Name & Description	Remarks
A3	RQCB0169	SERVICE CENTER LIST	
A4	RFKSTGT650EK	INSTRUCTIONS MANUAL	(E)
A4	RQT2000-B	INSTRUCTIONS MANUAL	(EB)
A4	RQT2003-D	INSTRUCTIONS MANUAL	(EG)
A4	RFKSTGT550GC	INSTRUCTIONS MANUAL	(GC)
A4	RQT2005-L	INSTRUCTIONS MANUAL	(GN)
A5	RSA0007	FM INDOOR ANTENNA	
A6	SJP2276	STEREO CONNECTION CABLE	
A7	SPB1163T	LW/MW LOOP ANTENNA	
A7-1	SMA233-1M	ANTENNA HOLDER	
A7-2	XTN3+10AFZ	SCREW	
A8	SJP9009	ATTACHMENT PLUG	⚠(EB)
A9	RFE0014	PLUG	⚠(GC, GN)
A10	RQLA0134	CAUTION LABEL	(GC)
A11	SJP5213-2	POWER PLUG ADAPTOR	⚠(GC)

■ PACKAGING



P2: ※Pad Ⓐ Ⓑ Ⓒ Ⓓ Ass'y